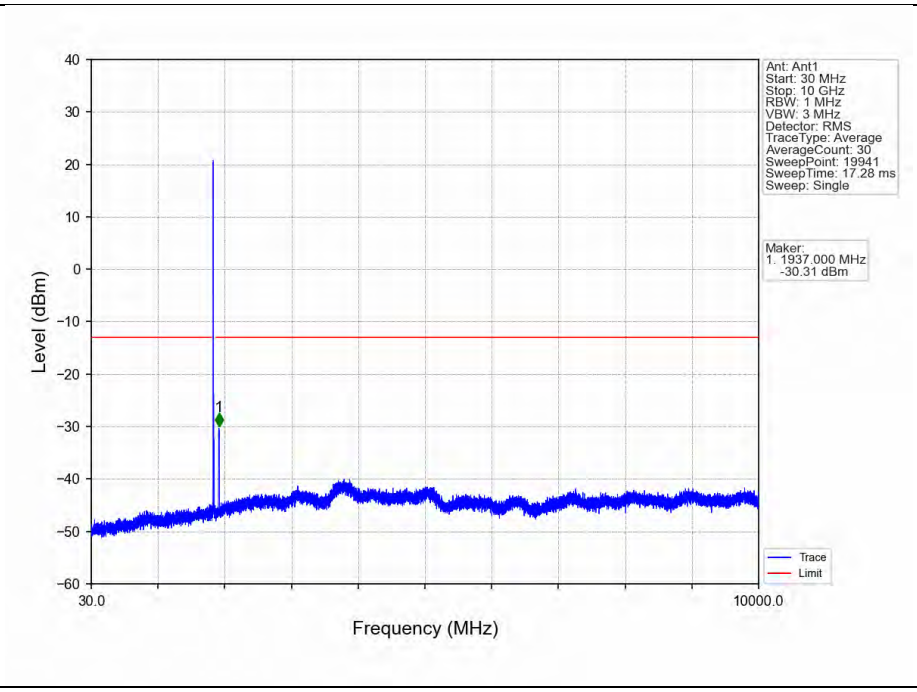

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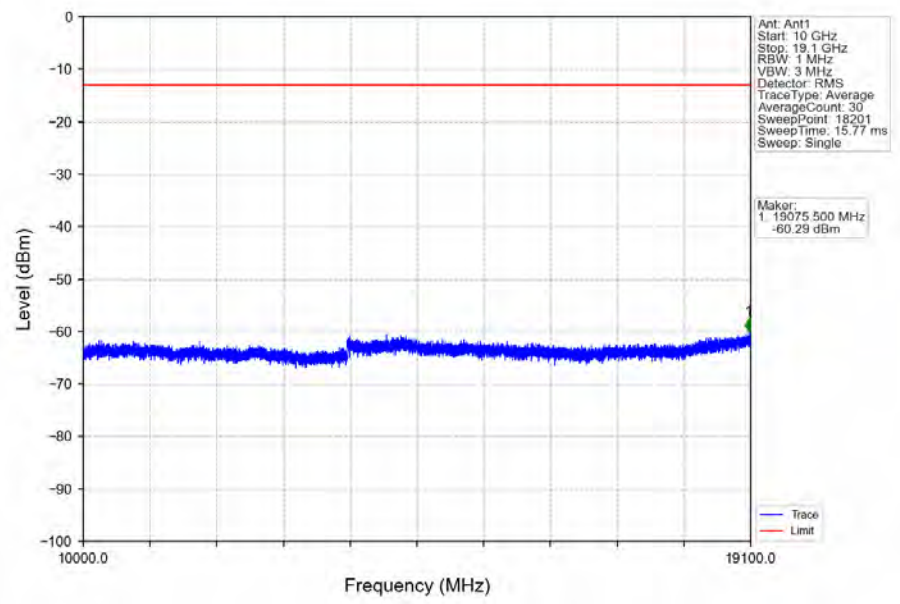
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



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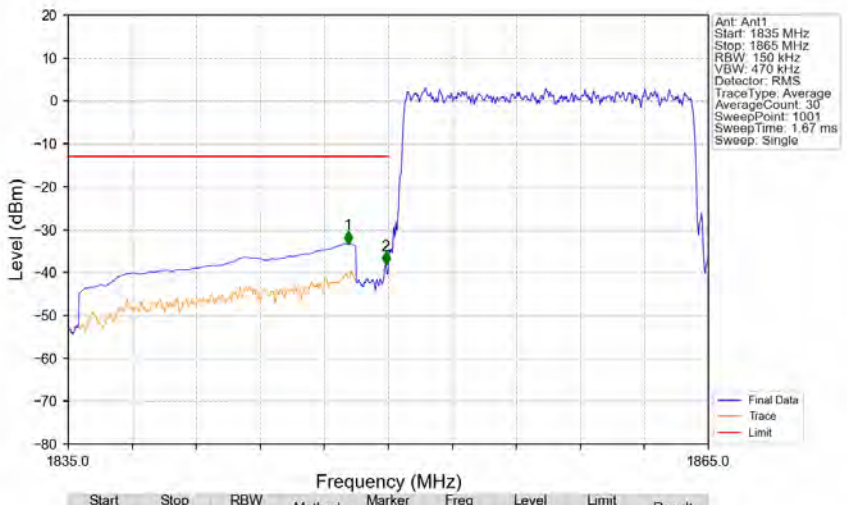

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.110	-33.36	-13	Pass
1849	1850	0.15	/	2	1849.880	-38.28	-13	Pass
1850	1865	0.15	/	/	/	/	/	/

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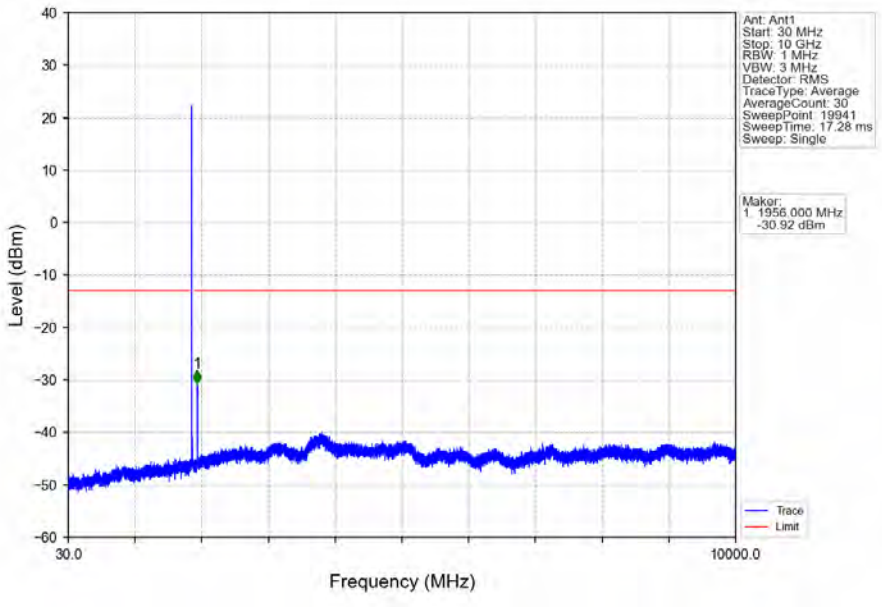
Band2_15MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



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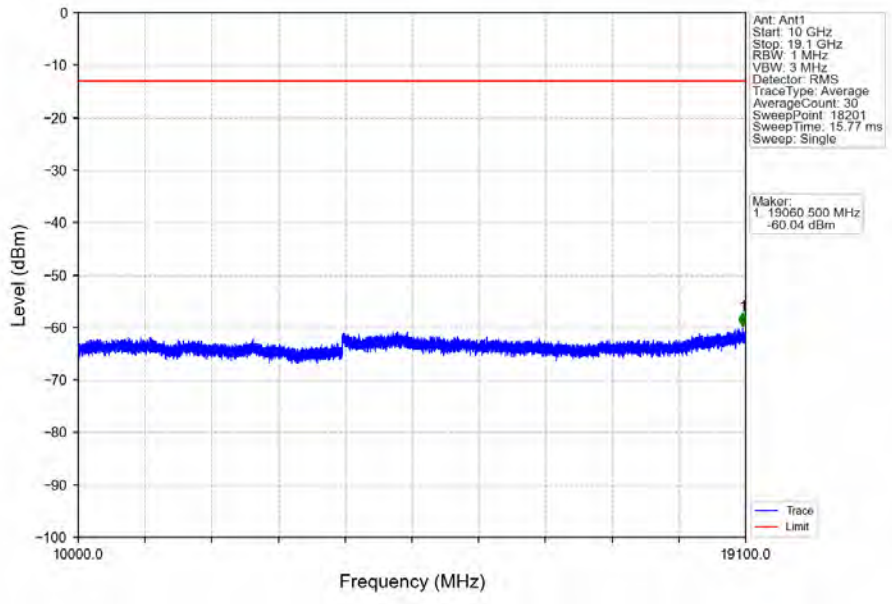

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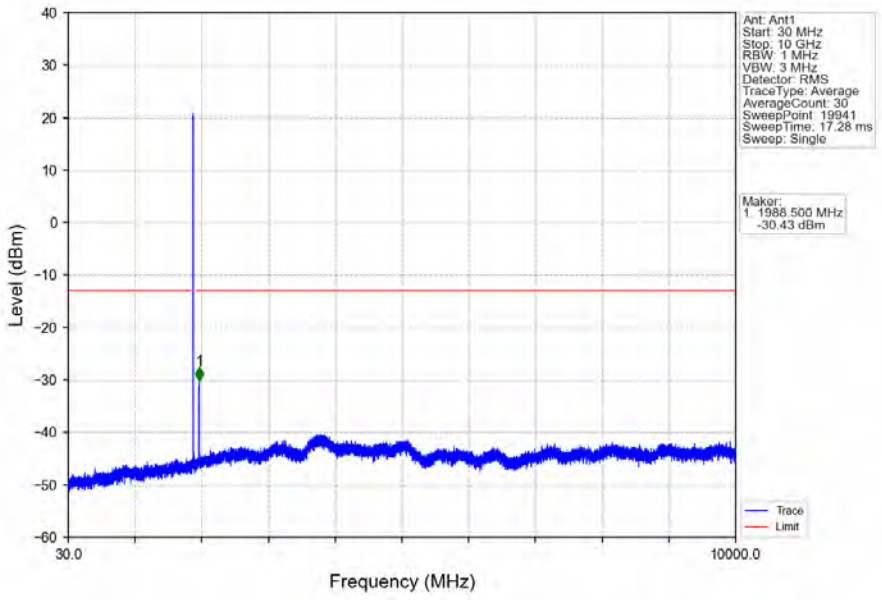
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_1_0_NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_1_0_NTNV

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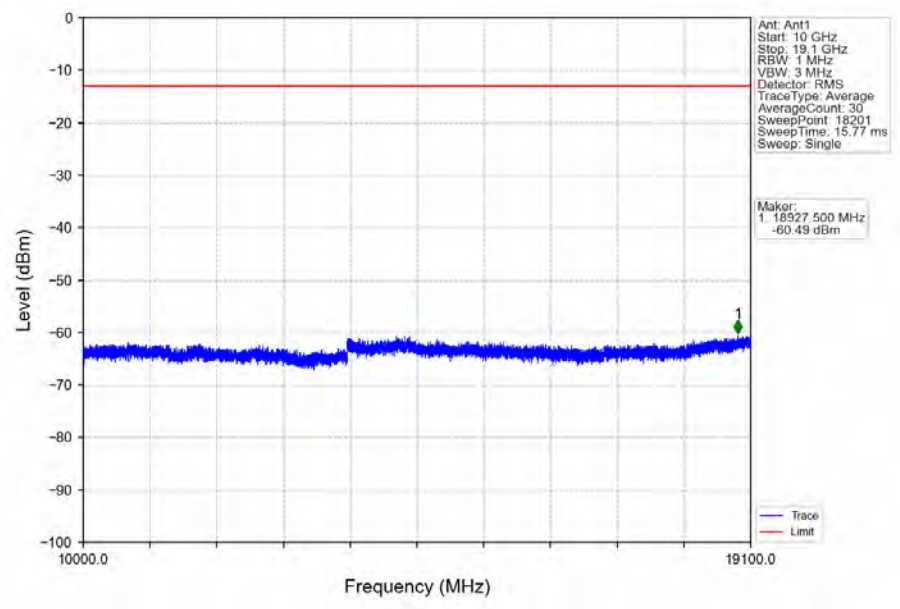

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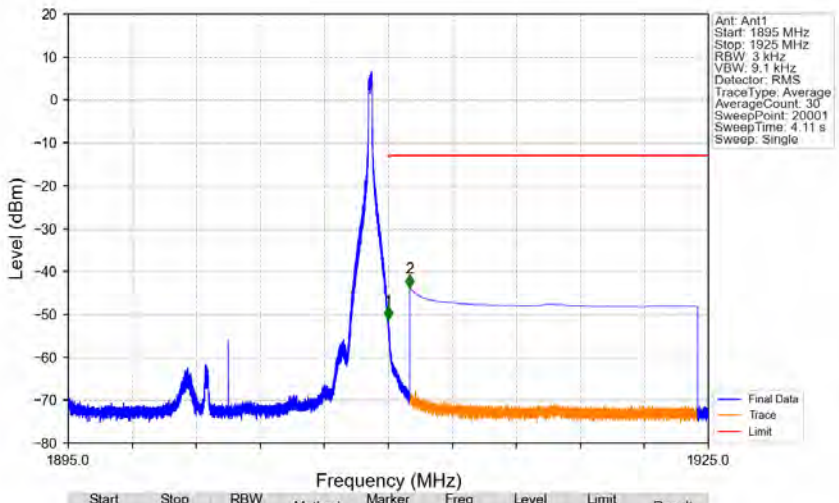

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-51.21	-13	Pass
1911	1925	1	CHP	2	1911.001	-43.77	-13	Pass

Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV

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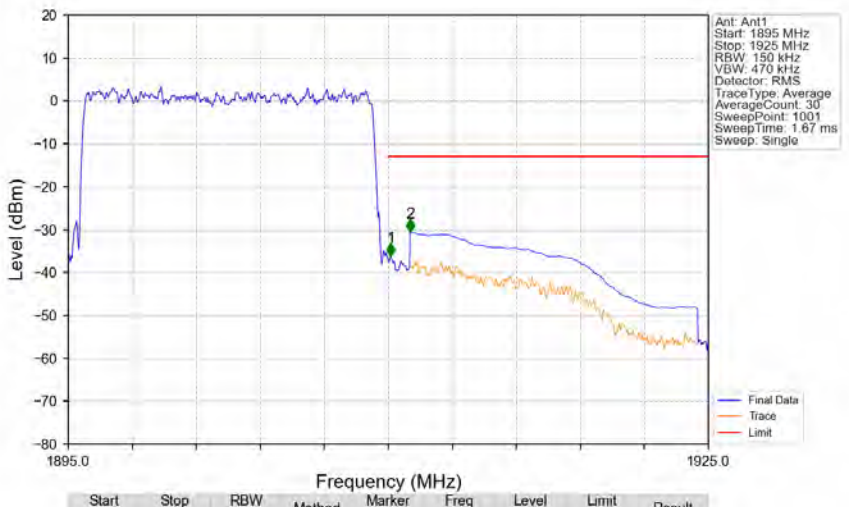

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.15	/	/	/	/	/	/
1910	1911	0.15	/	1	1910.120	-36.24	-13	Pass
1911	1925	1	CHP	2	1911.020	-30.64	-13	Pass

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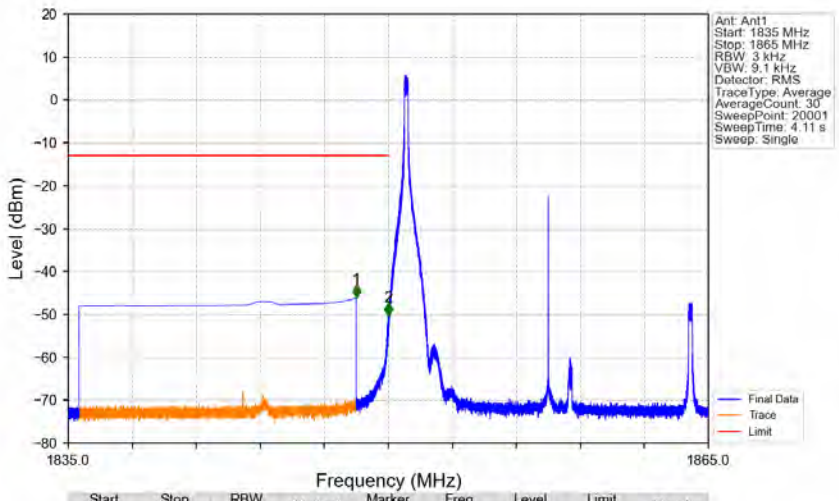
Band2_15MHz_64QAM_LCH_1857.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.497	-46.17	-13	Pass
1849	1850	0.003	/	2	1849.994	-50.36	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

Band2_15MHz_64QAM_LCH_1857.5MHz_RB_1_0_NTNV

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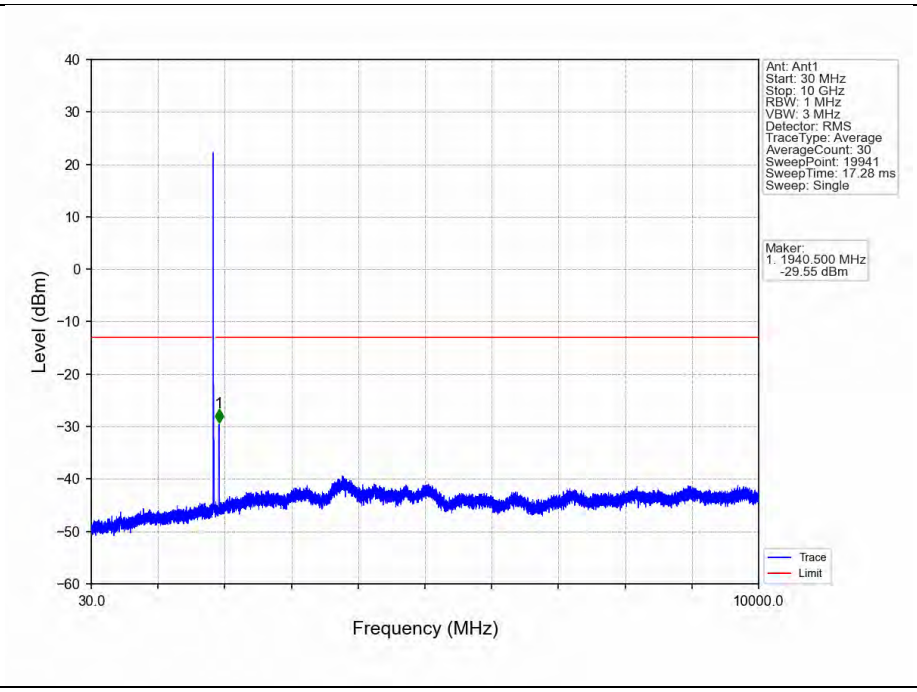

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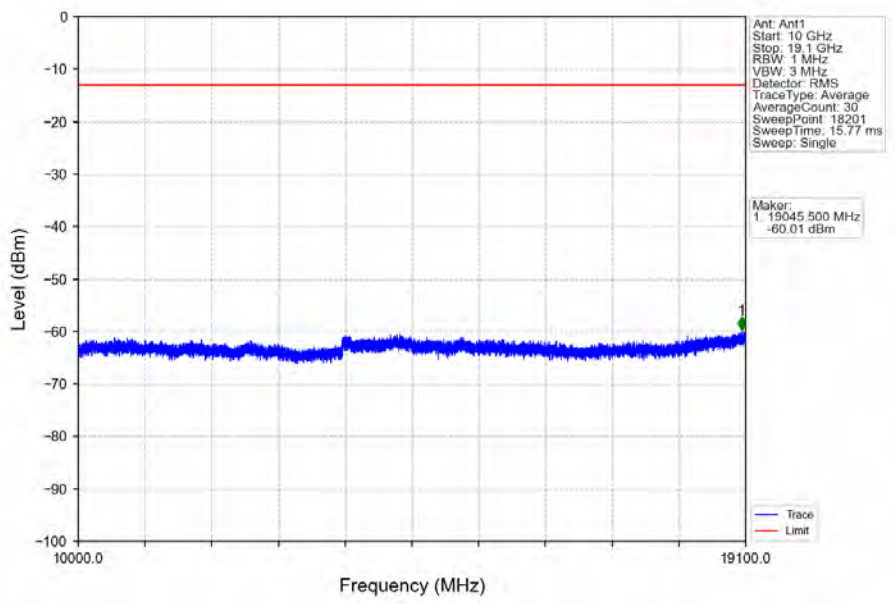

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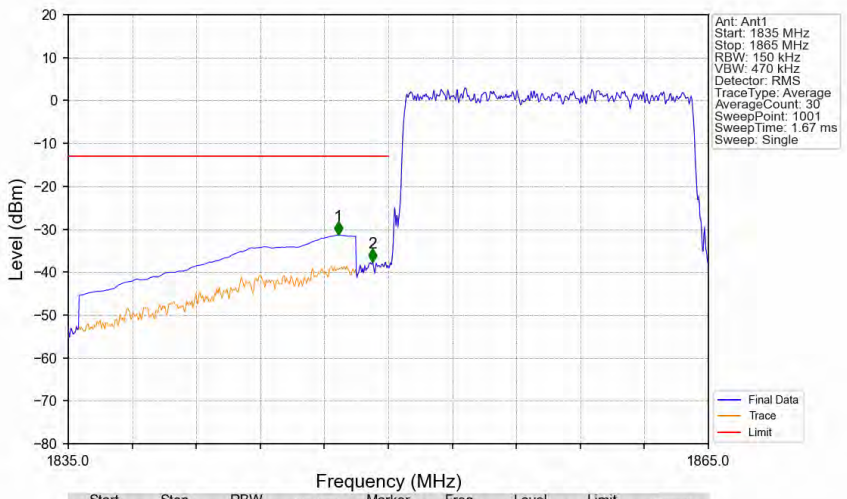

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1847.660	-31.35	-13	Pass
1849	1850	0.15	/	2	1849.250	-37.69	-13	Pass
1850	1865	0.15	/	/	/	/	/	/

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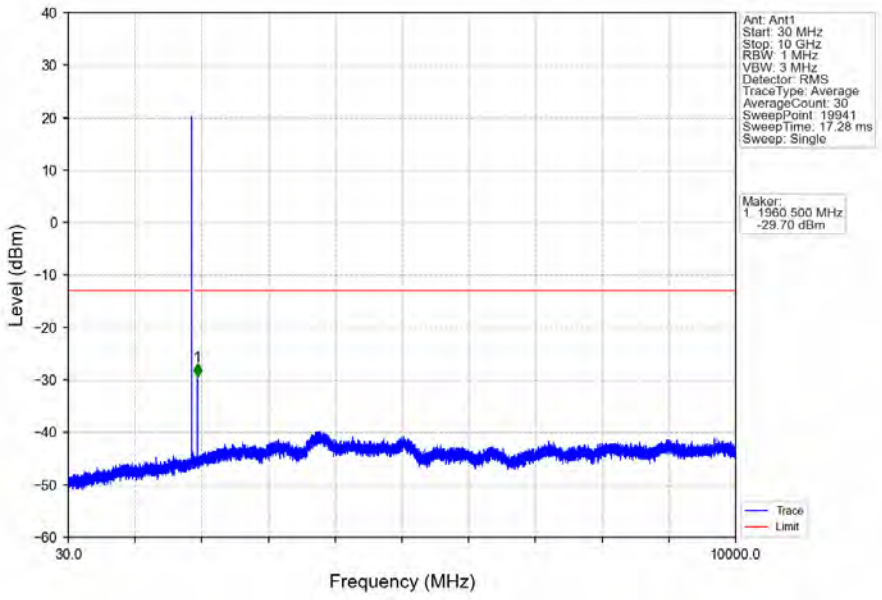
Band2_15MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



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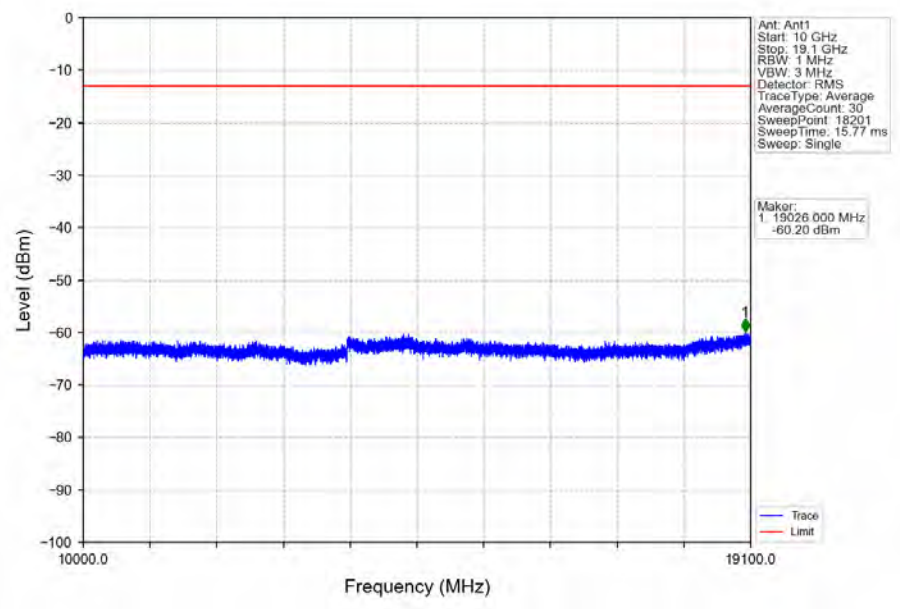

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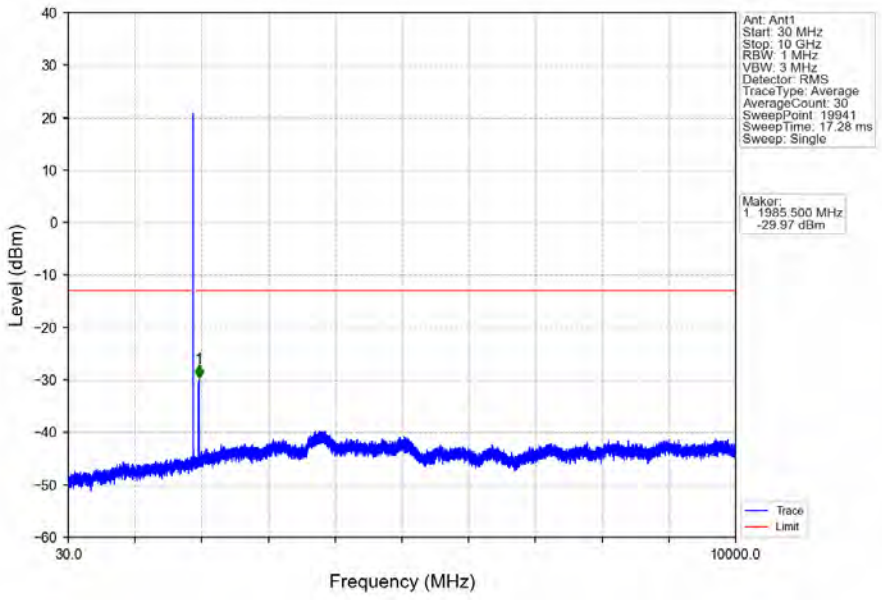
Band2_15MHz_64QAM_HCH_1902.5MHz_RB_1_0_NTNV



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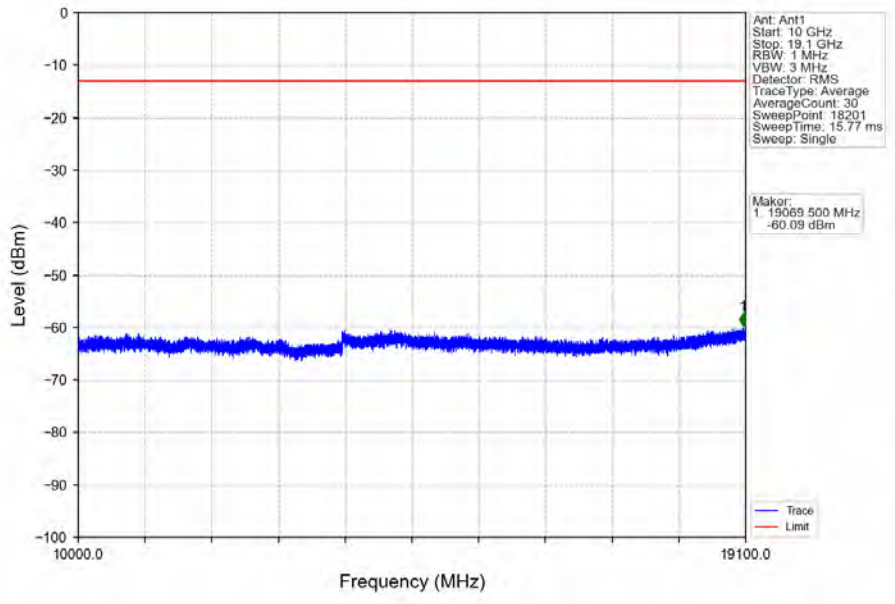

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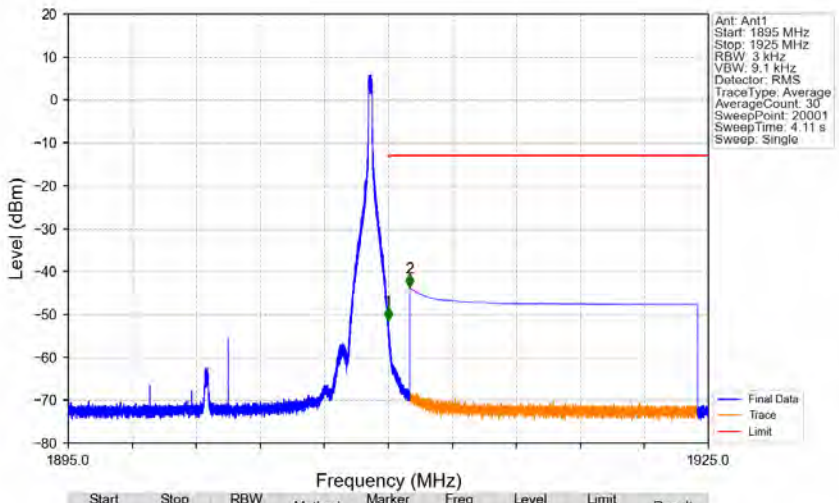

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-51.46	-13	Pass
1911	1925	1	CHP	2	1911.001	-43.68	-13	Pass

Band2_15MHz_64QAM_HCH_1902.5MHz_RB_75_0_NTNV

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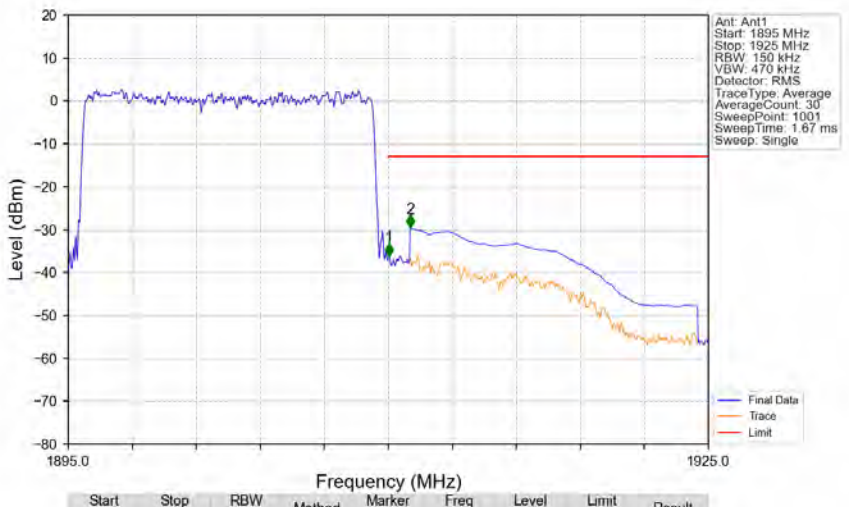

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.15	/	/	/	/	/	/
1910	1911	0.15	/	1	1910.030	-36.20	-13	Pass
1911	1925	1	CHP	2	1911.020	-29.57	-13	Pass

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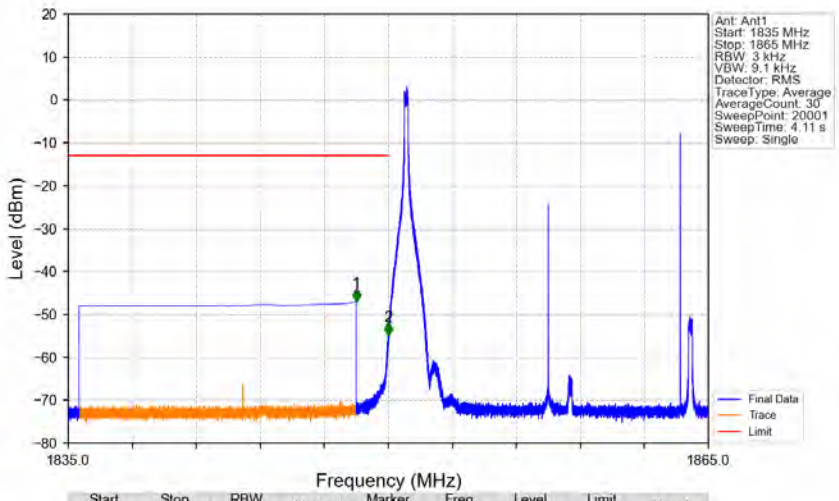

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.498	-47.08	-13	Pass
1849	1850	0.003	/	2	1849.995	-55.00	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

Band2_15MHz_256QAM_LCH_1857.5MHz_RB_1_0_NTNV

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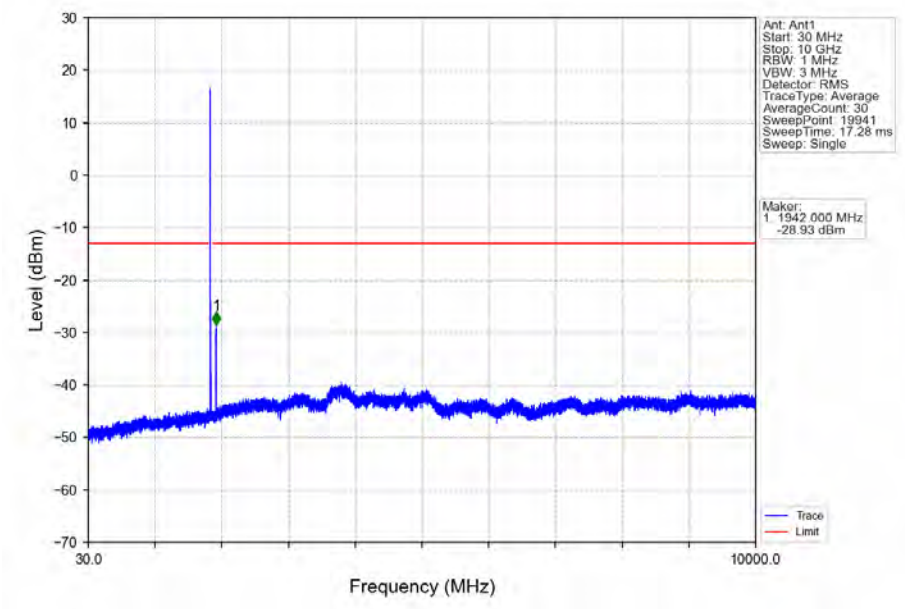

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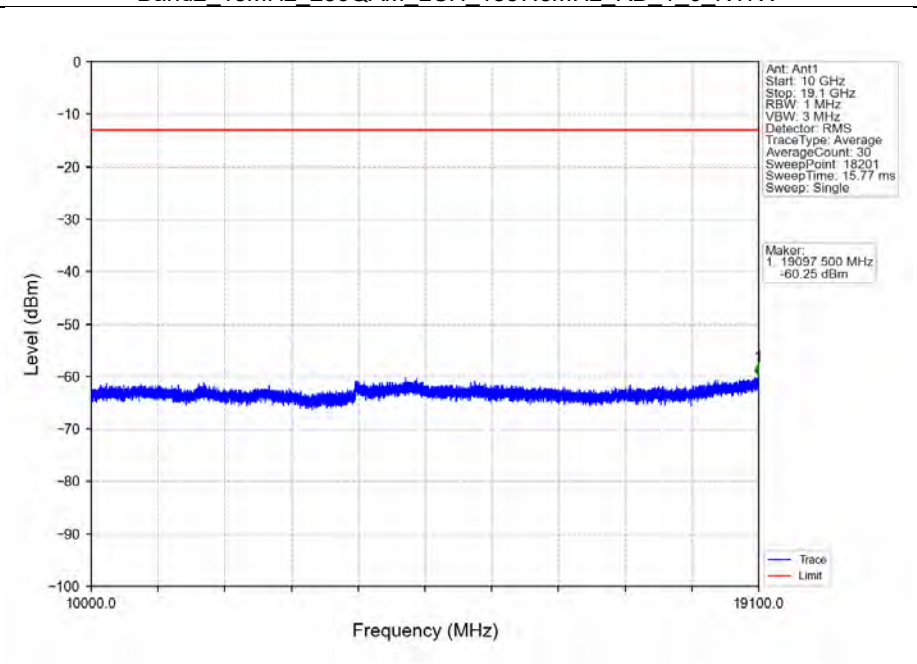

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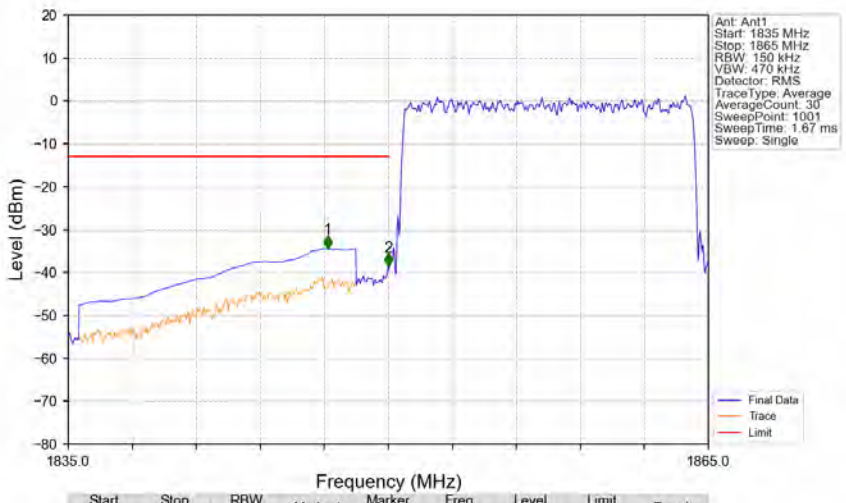

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1847.150	-34.44	-13	Pass
1849	1850	0.15	/	2	1850.000	-38.62	-13	Pass
1850	1865	0.15	/	/	/	/	/	/

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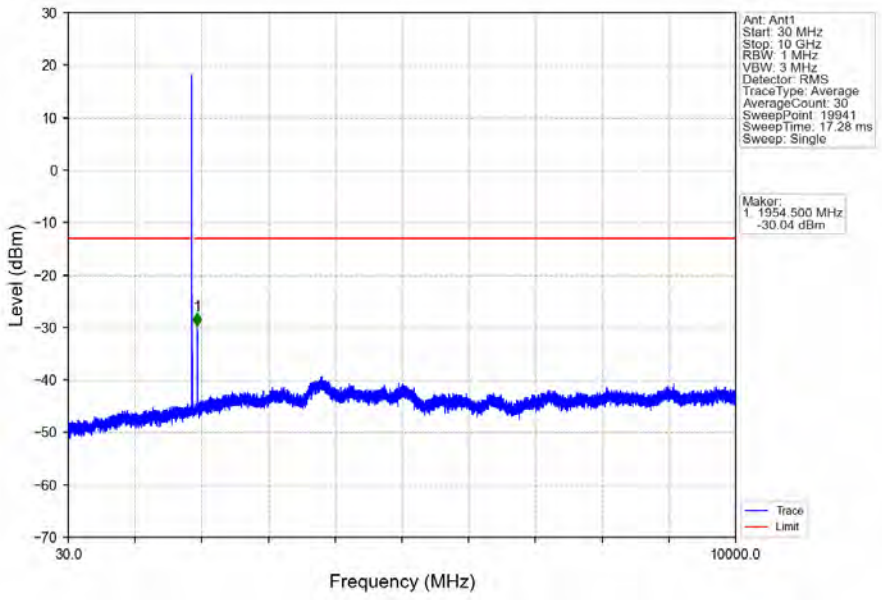

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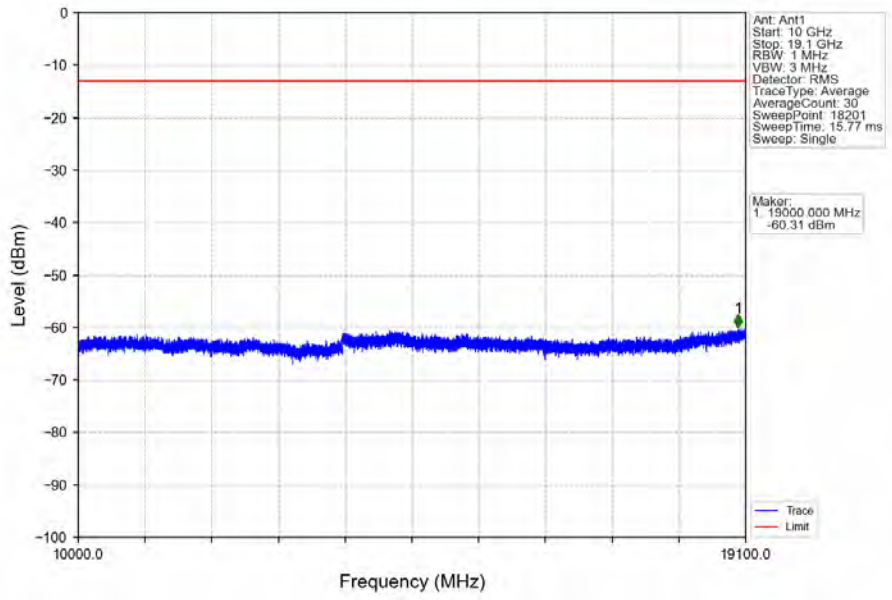

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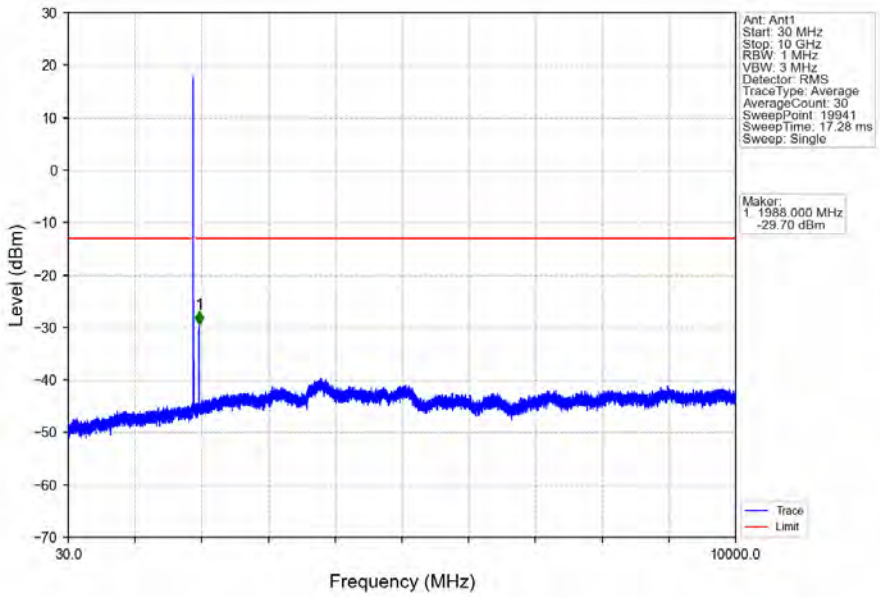

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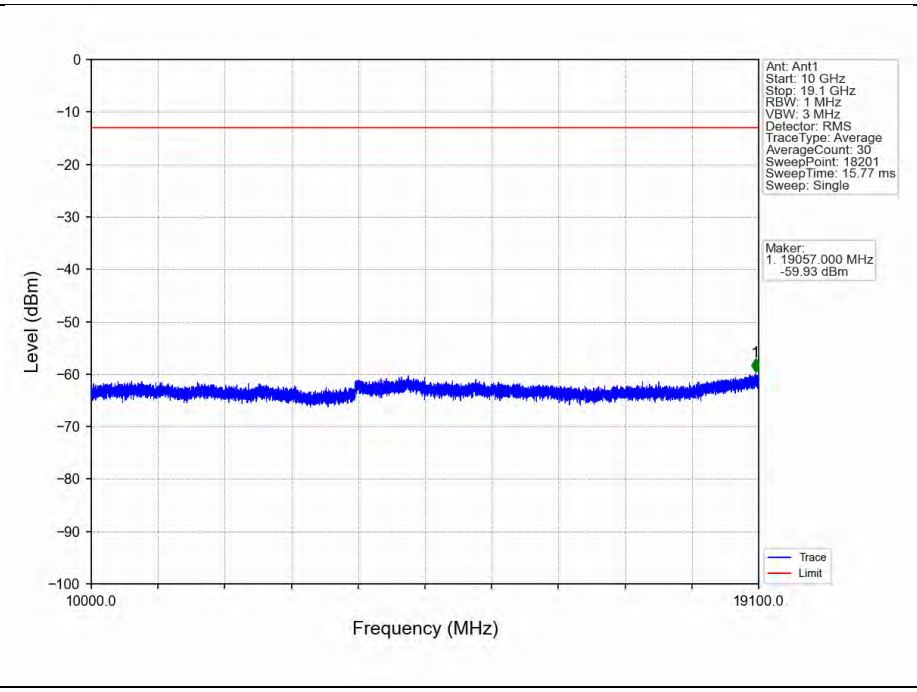

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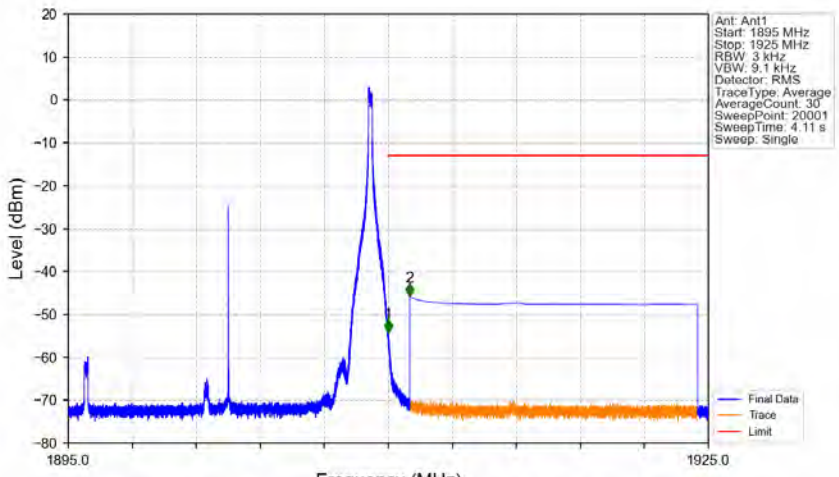
Band2_15MHz_256QAM_HCH_1902.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-54.26	-13	Pass
1911	1925	1	CHP	2	1911.001	-45.80	-13	Pass

Band2_15MHz_256QAM_HCH_1902.5MHz_RB_75_0_NTNV

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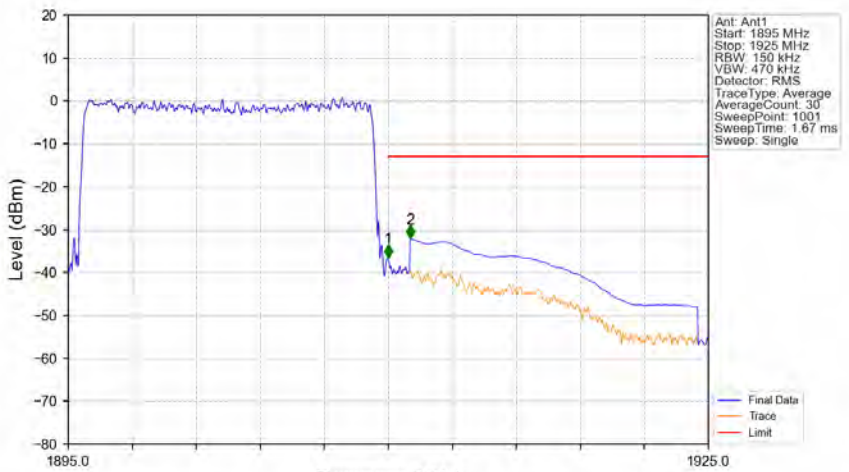

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.15	/	/	/	/	/	/
1910	1911	0.15	/	1	1910.000	-36.55	-13	Pass
1911	1925	1	CHP	2	1911.020	-32.05	-13	Pass

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5.6 B2_20MHz

5.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
64QAM	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
256QAM	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

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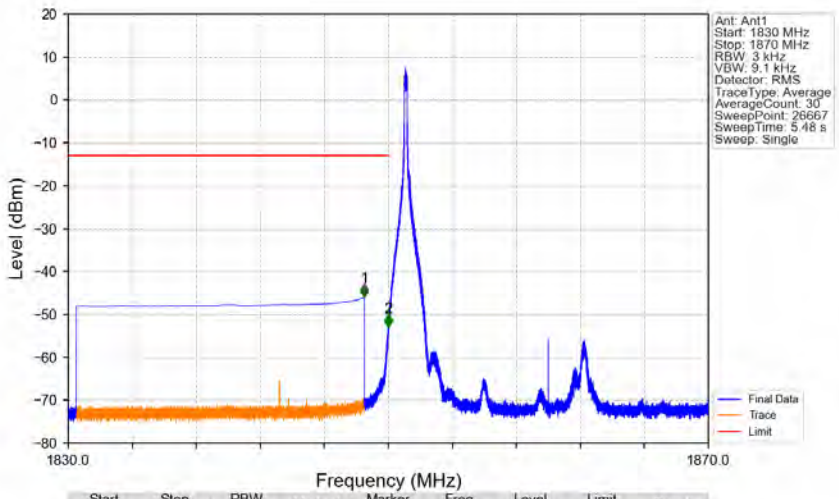
5.6.2 Test Graph

Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.497	-46.01	-13	Pass
1849	1850	0.003	/	2	1849.994	-53.09	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

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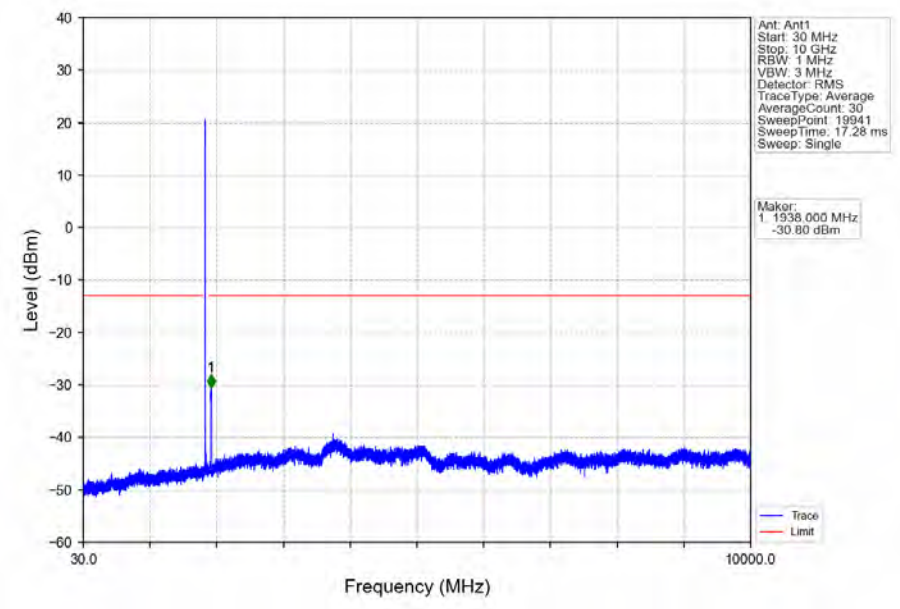

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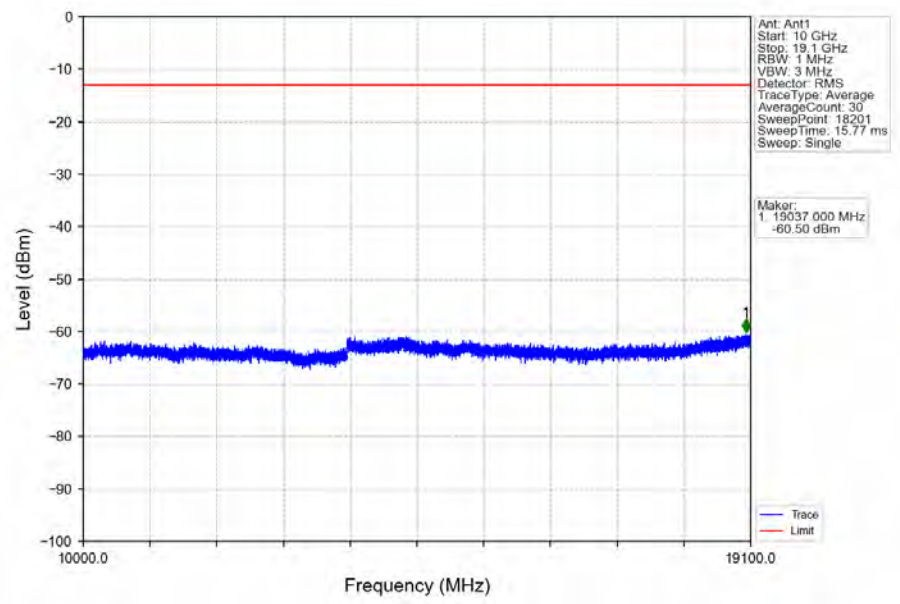
Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

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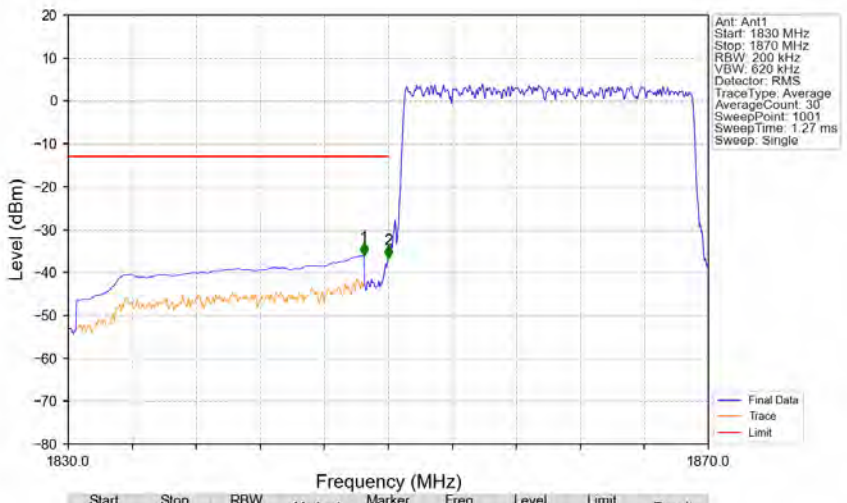

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-36.05	-13	Pass
1849	1850	0.2	/	2	1850.000	-36.76	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

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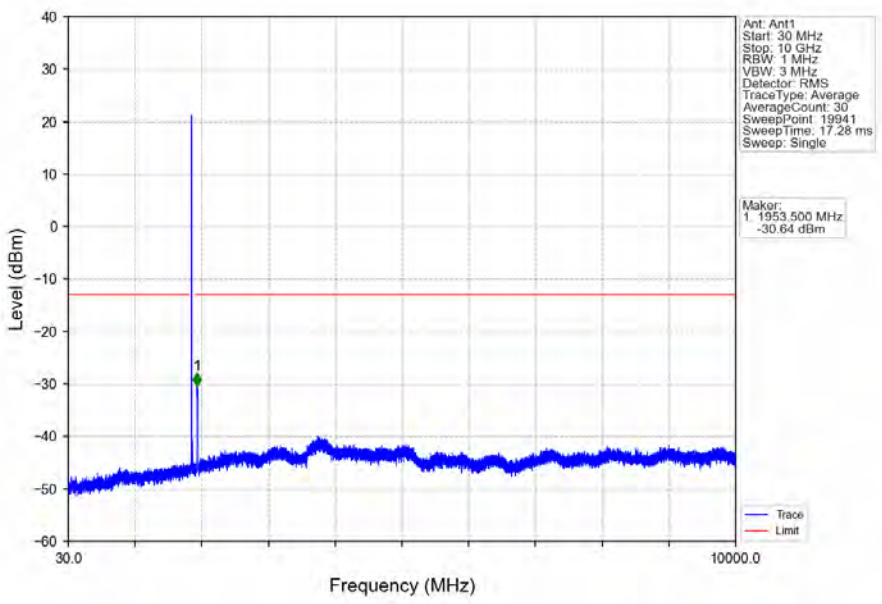
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



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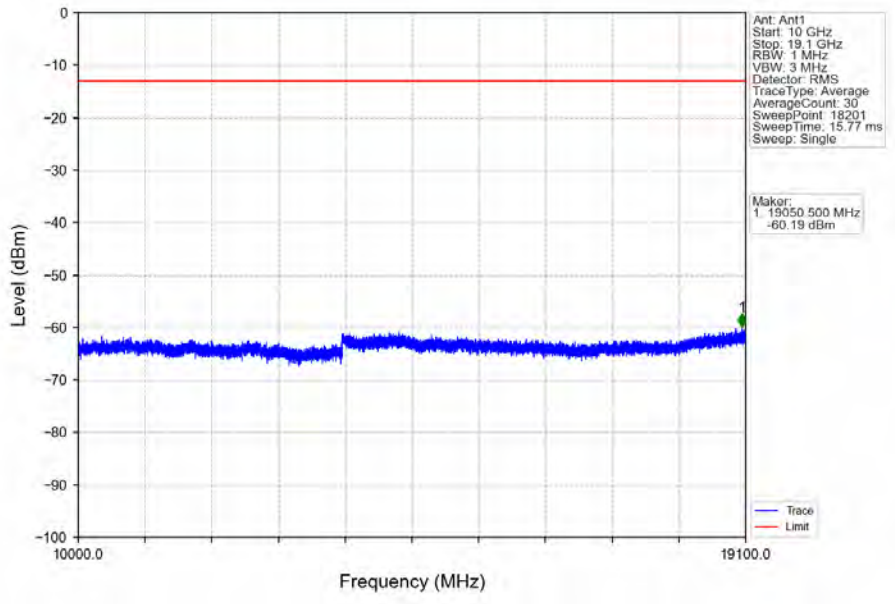

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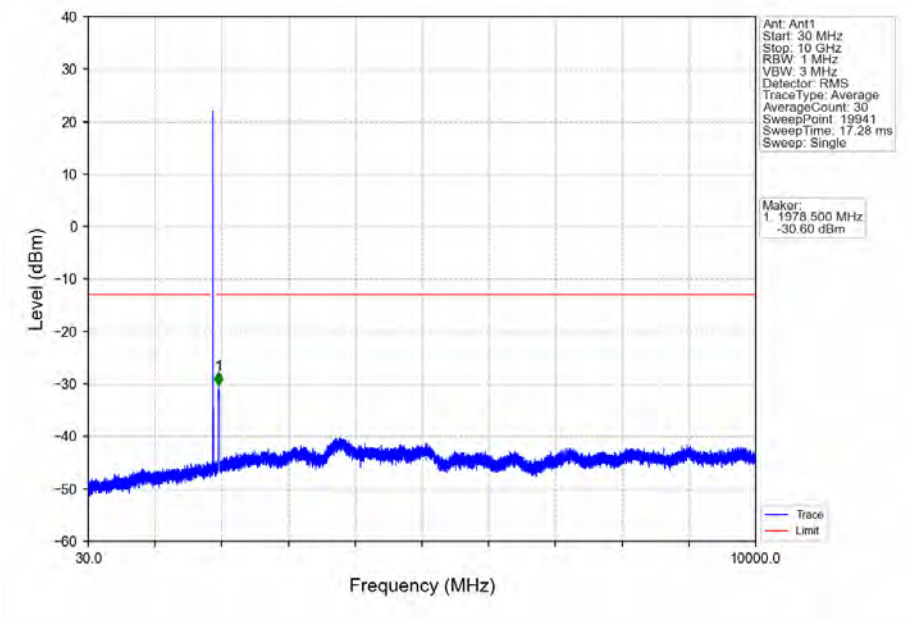
Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV



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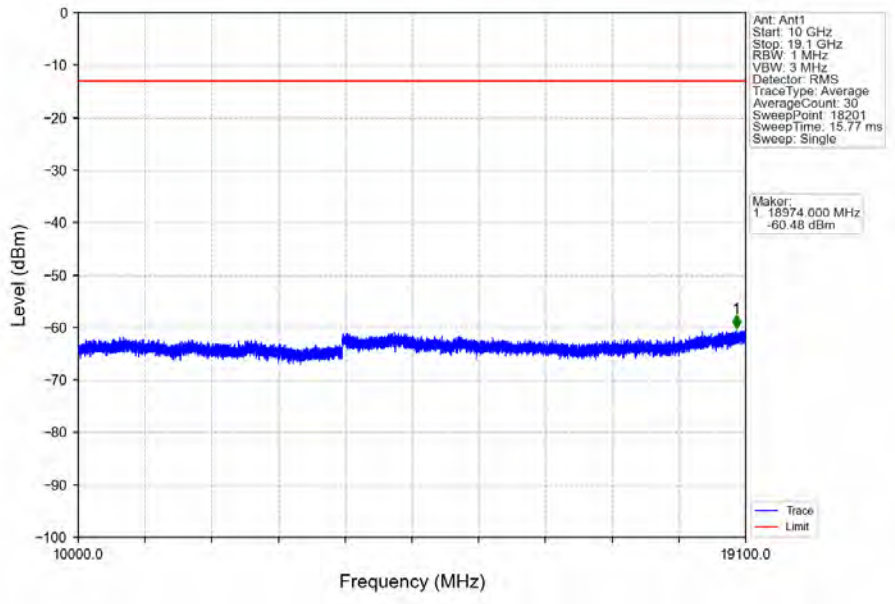

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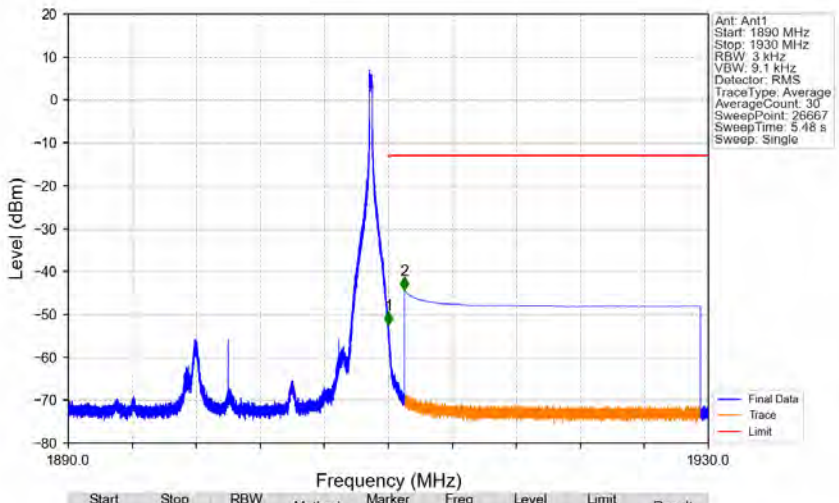

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.005	-52.40	-13	Pass
1911	1930	1	CHP	2	1911.001	-44.30	-13	Pass

Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV

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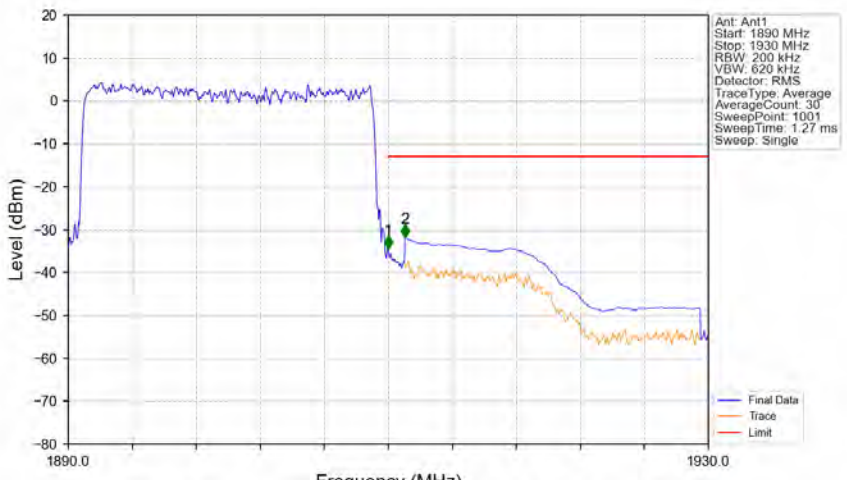

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.2	/	/	/	/	/	/
1910	1911	0.2	/	1	1910.000	-34.54	-13	Pass
1911	1930	1	CHP	2	1911.040	-31.83	-13	Pass

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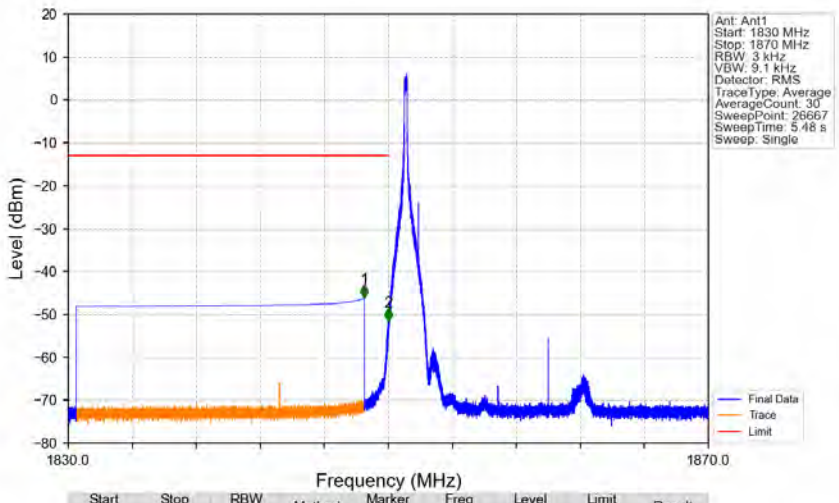
Band2_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.497	-46.18	-13	Pass
1849	1850	0.003	/	2	1849.995	-51.63	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

Band2_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV

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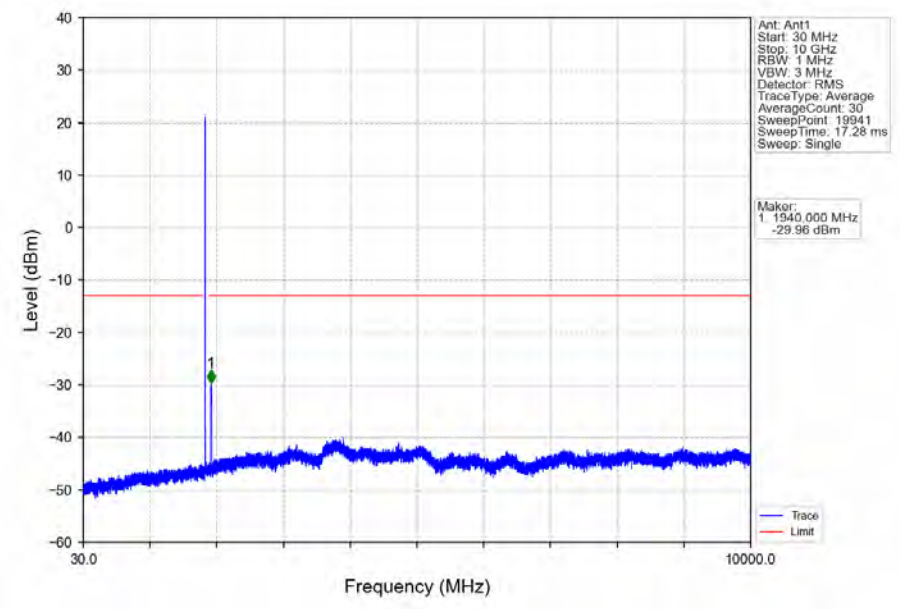

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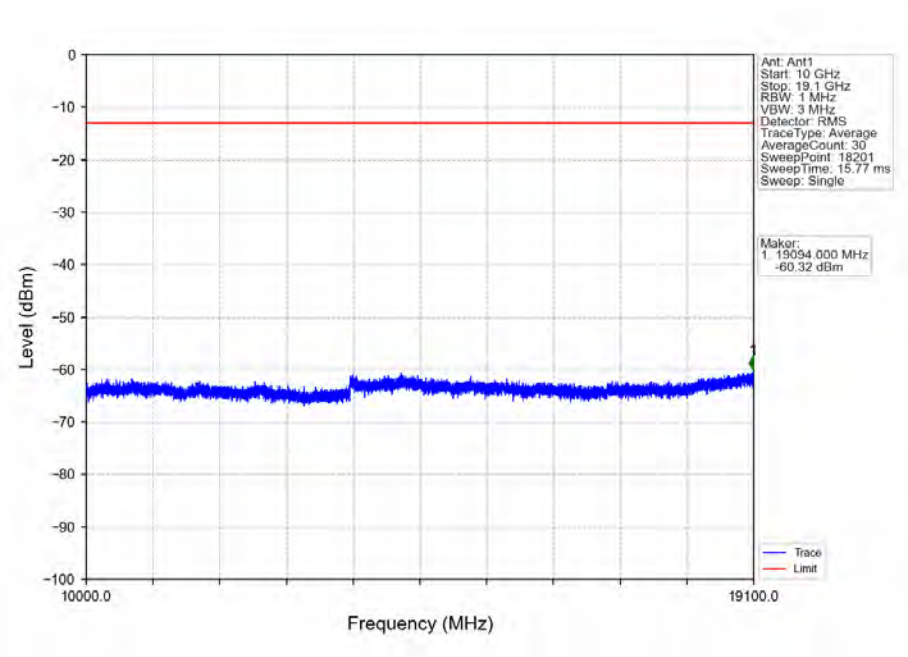
Band2_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV



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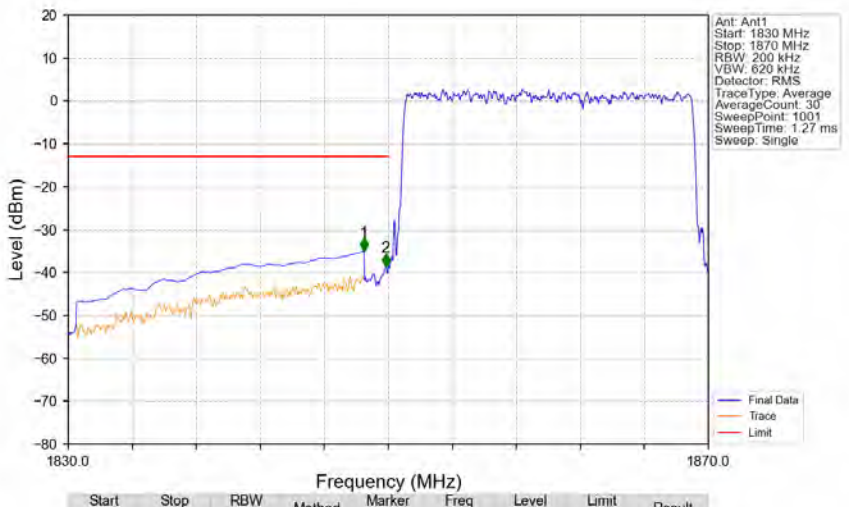

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-35.02	-13	Pass
1849	1850	0.2	/	2	1849.840	-38.65	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

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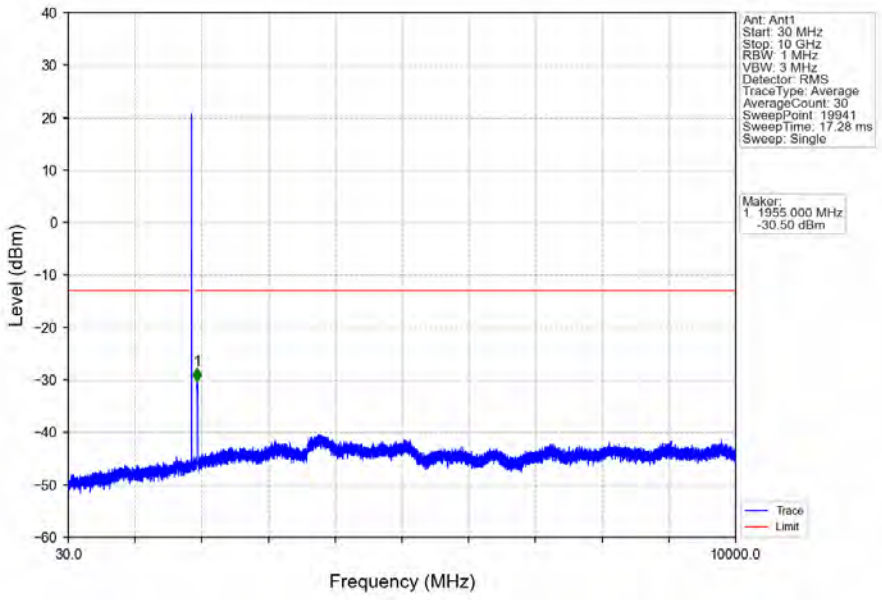

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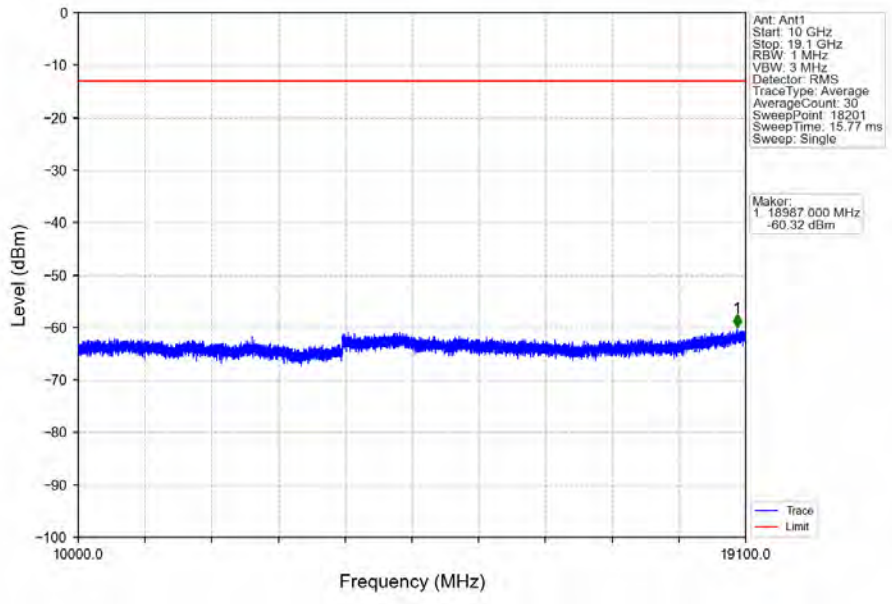

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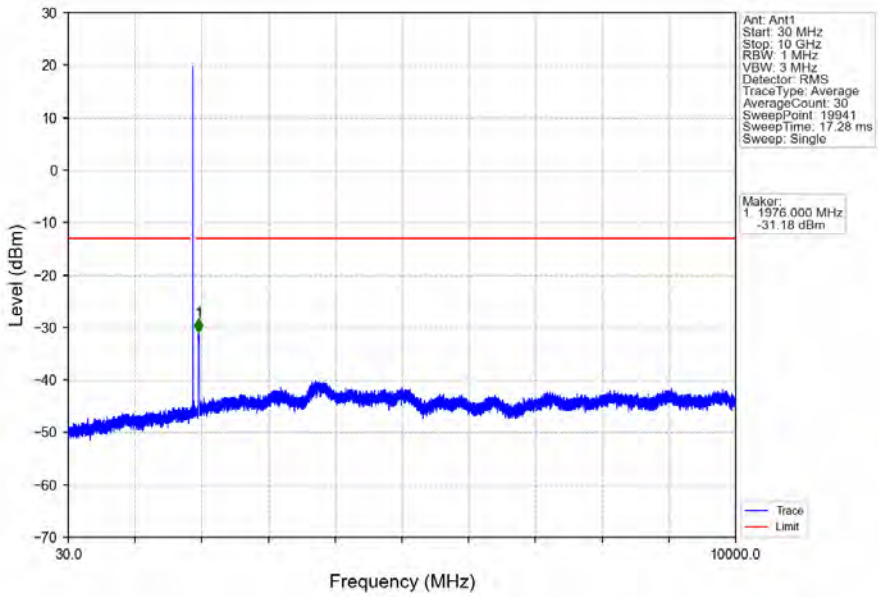

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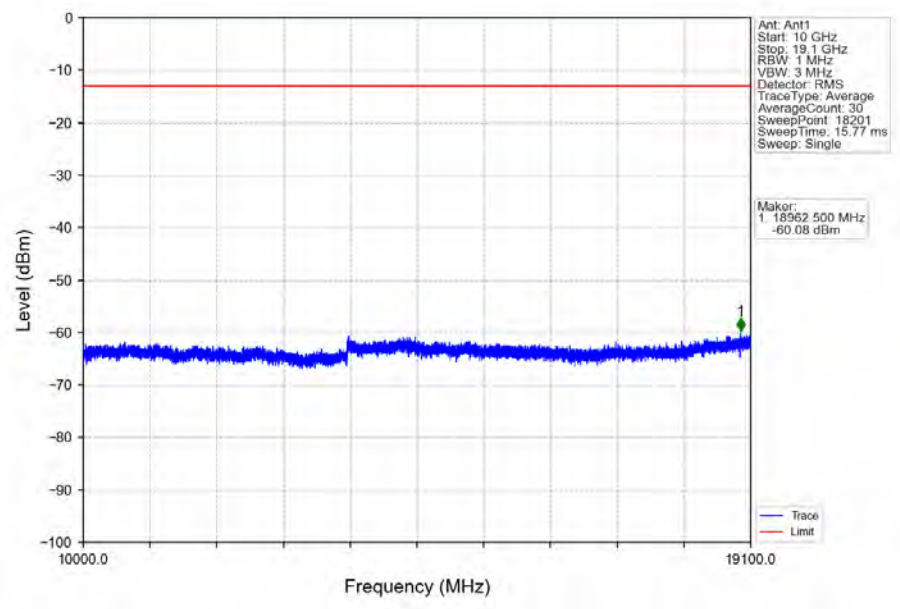

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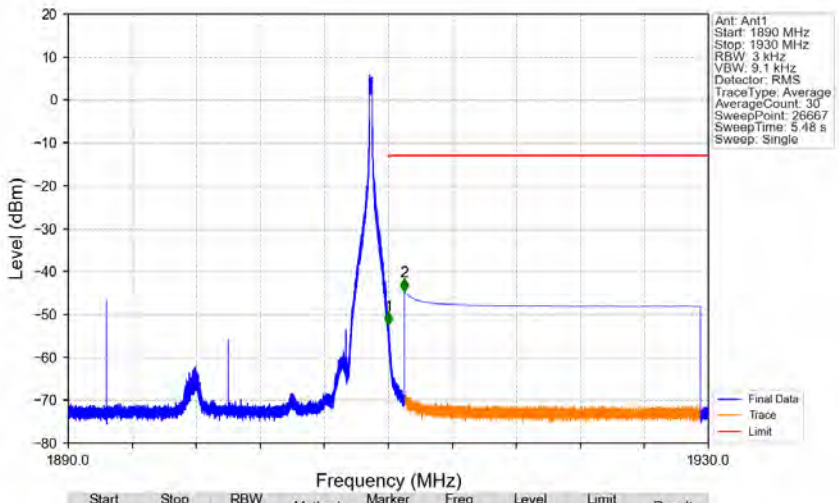

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.005	-52.49	-13	Pass
1911	1930	1	CHP	2	1911.001	-44.64	-13	Pass

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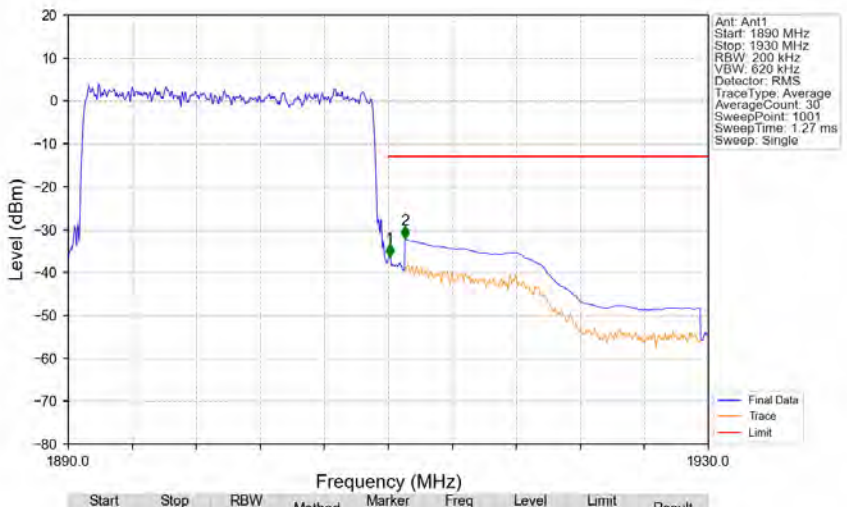

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.2	/	/	/	/	/	/
1910	1911	0.2	/	1	1910.080	-36.38	-13	Pass
1911	1930	1	CHP	2	1911.040	-32.21	-13	Pass

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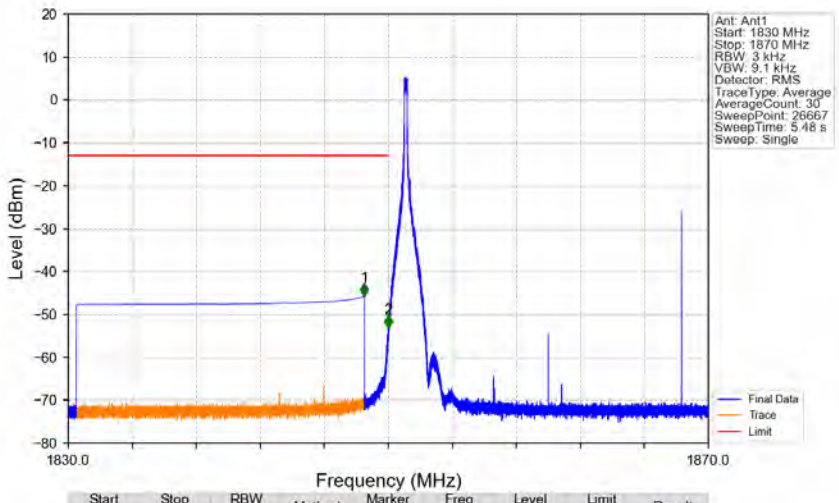

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.498	-45.75	-13	Pass
1849	1850	0.003	/	2	1849.994	-53.27	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

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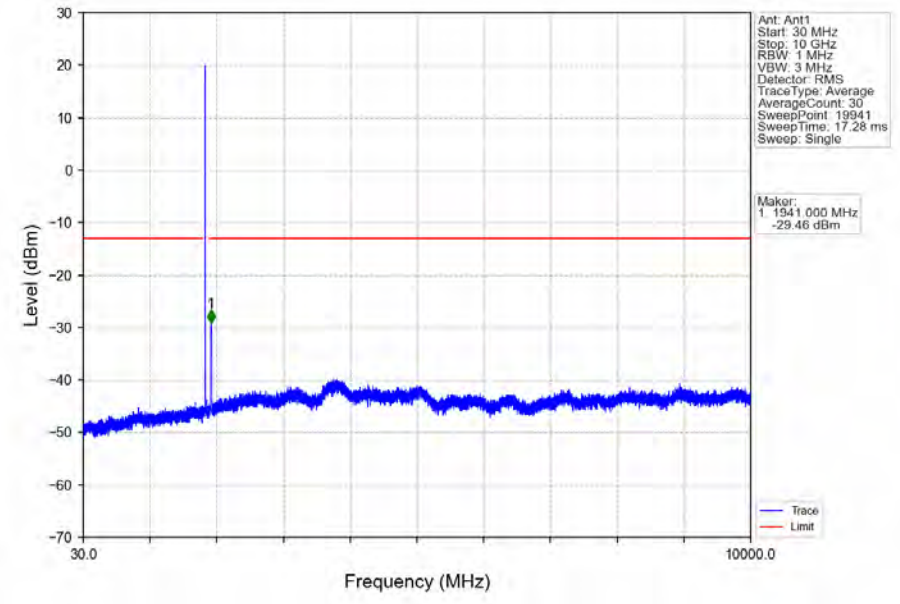

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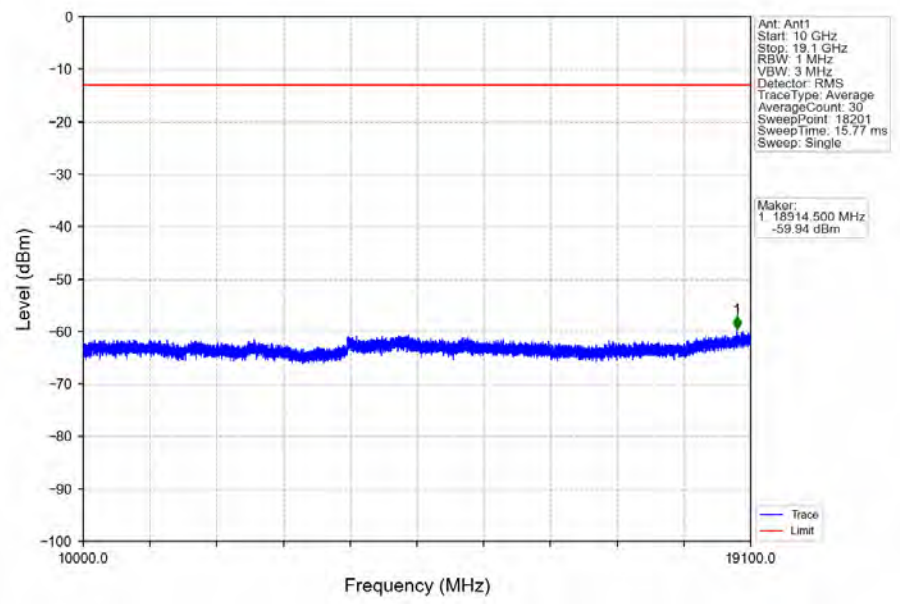
Band2_20MHz_64QAM_LCH_1860MHz_RB_1_0_NTNV



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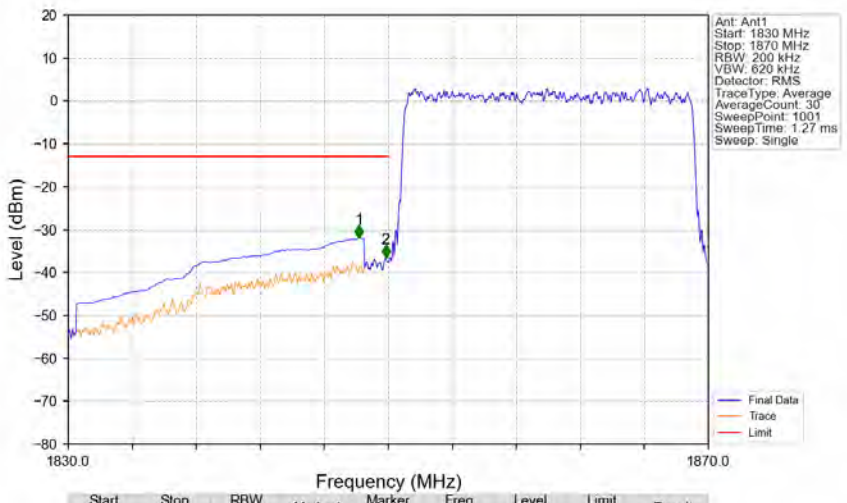

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.160	-32.00	-13	Pass
1849	1850	0.2	/	2	1849.840	-36.58	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

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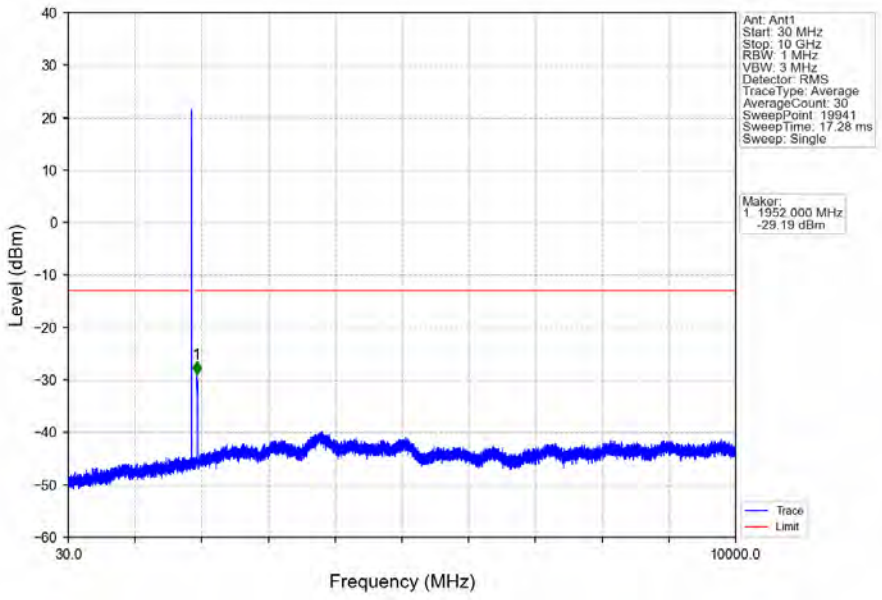
Band2_20MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV



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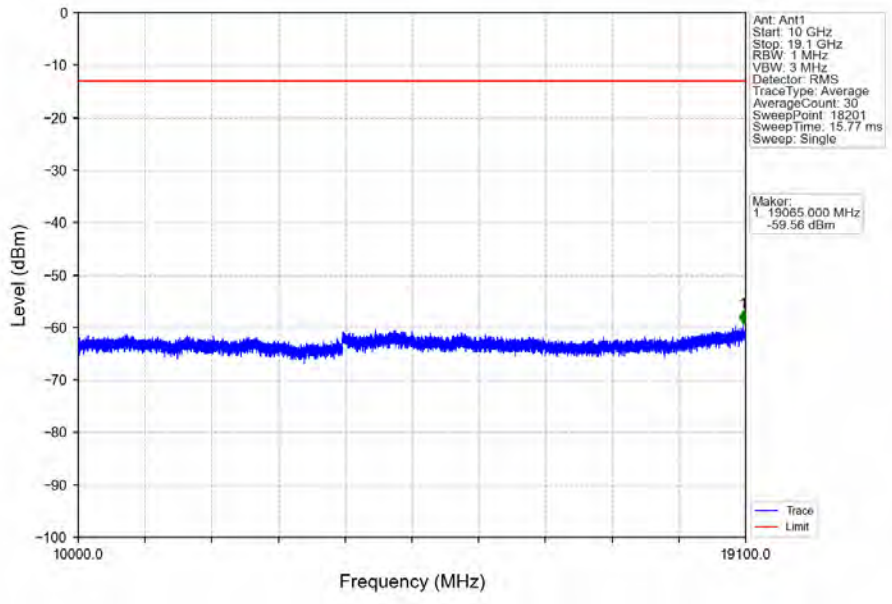

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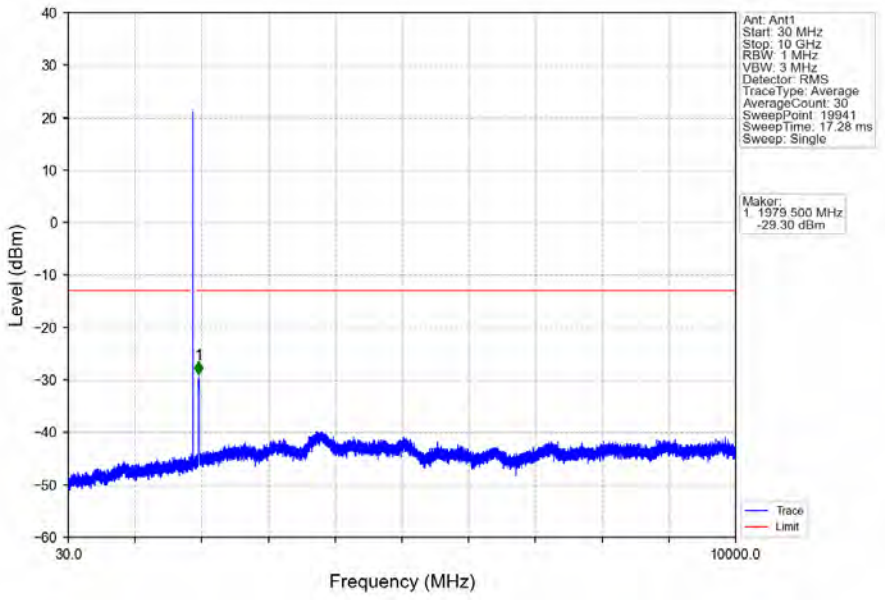
Band2_20MHz_64QAM_HCH_1900MHz_RB_1_0_NTNV



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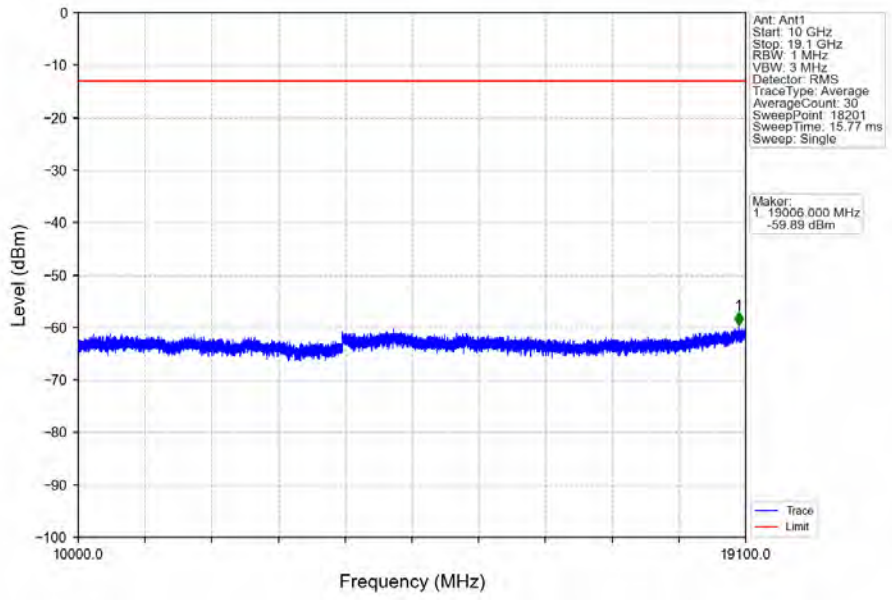

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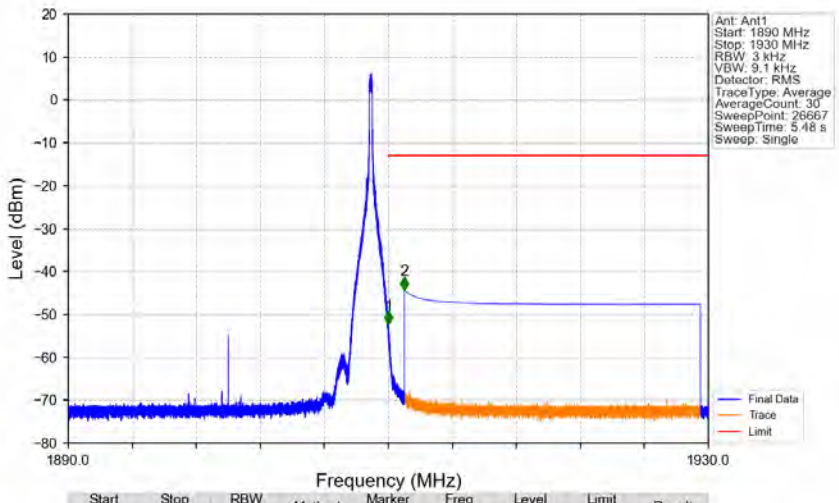

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.005	-52.28	-13	Pass
1911	1930	1	CHP	2	1911.001	-44.29	-13	Pass

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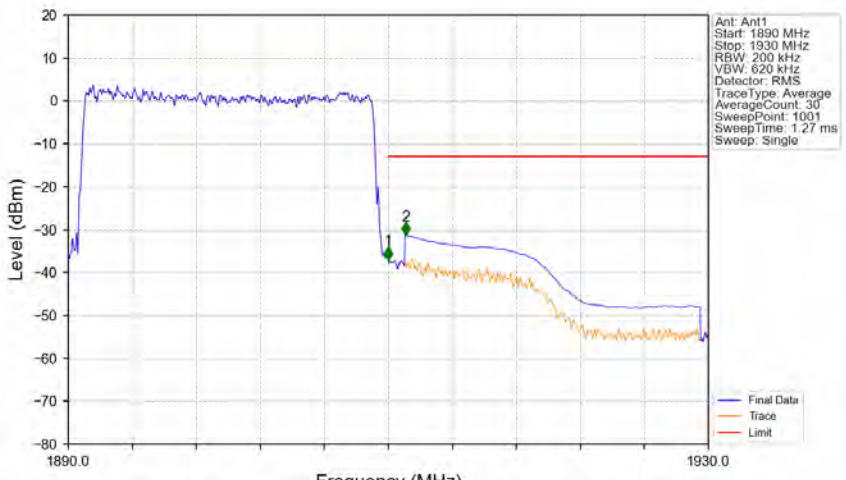

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.2	/	/	/	/	/	/
1910	1911	0.2	/	1	1910.000	-37.08	-13	Pass
1911	1930	1	CHP	2	1911.080	-31.30	-13	Pass

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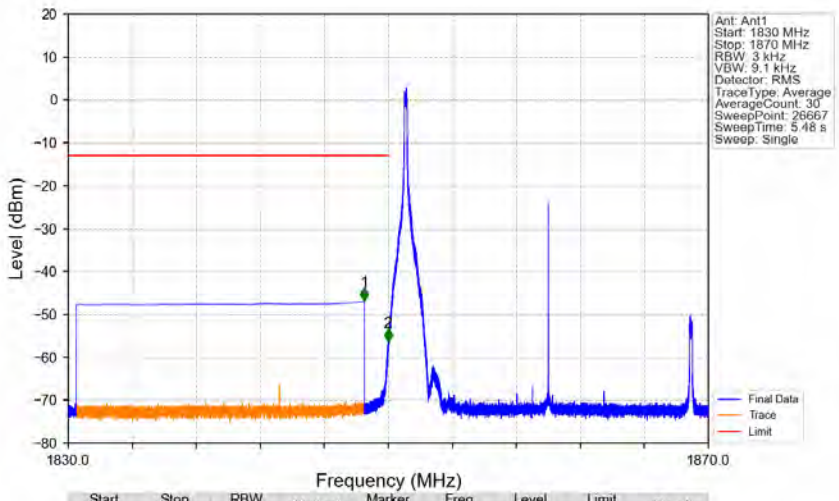
Band2_20MHz_256QAM_LCH_1860MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.500	-46.92	-13	Pass
1849	1850	0.003	/	2	1849.979	-56.33	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

Band2_20MHz_256QAM_LCH_1860MHz_RB_1_0_NTNV

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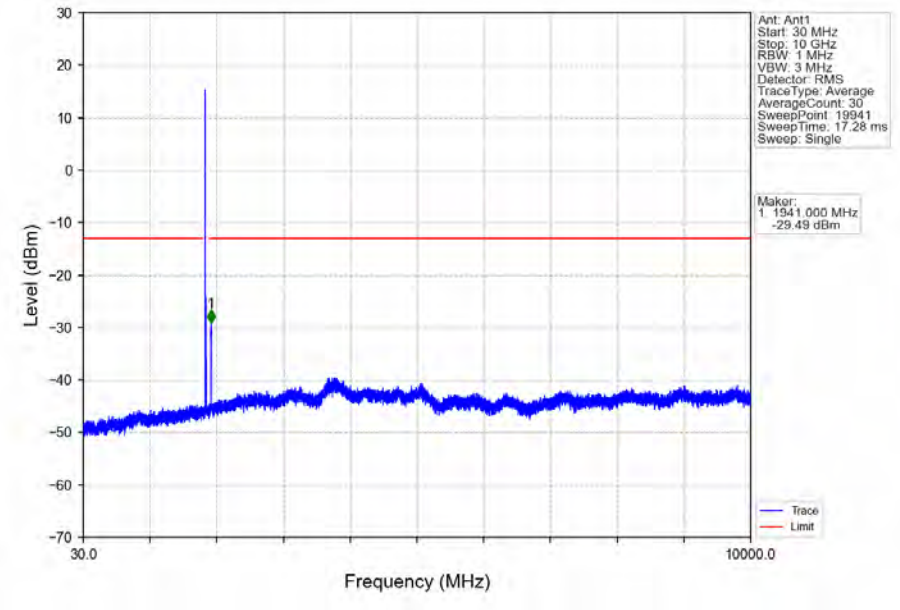

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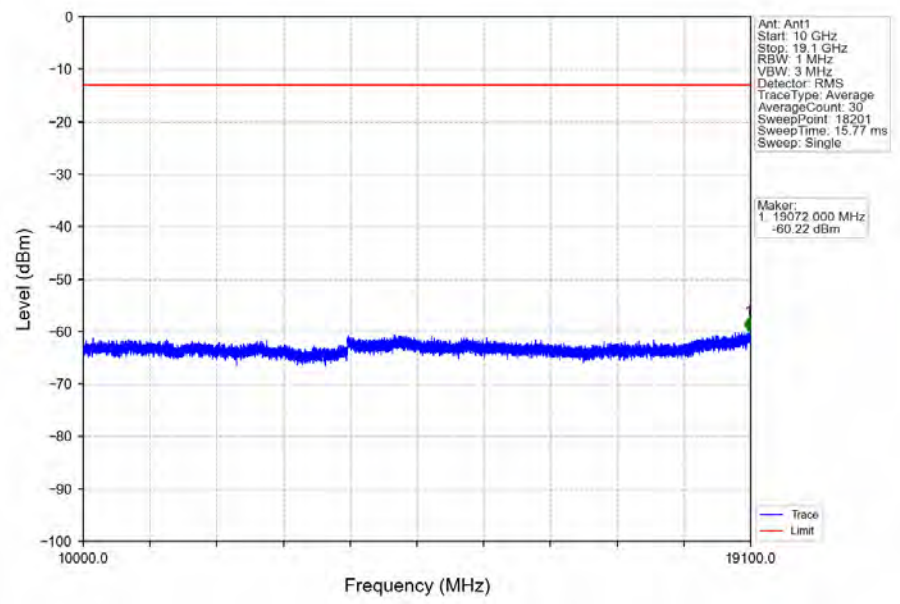

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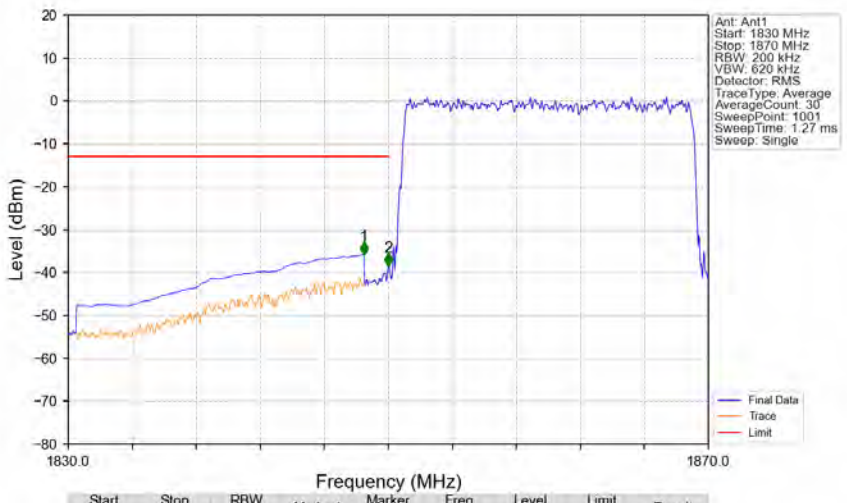

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-35.86	-13	Pass
1849	1850	0.2	/	2	1850.000	-38.50	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

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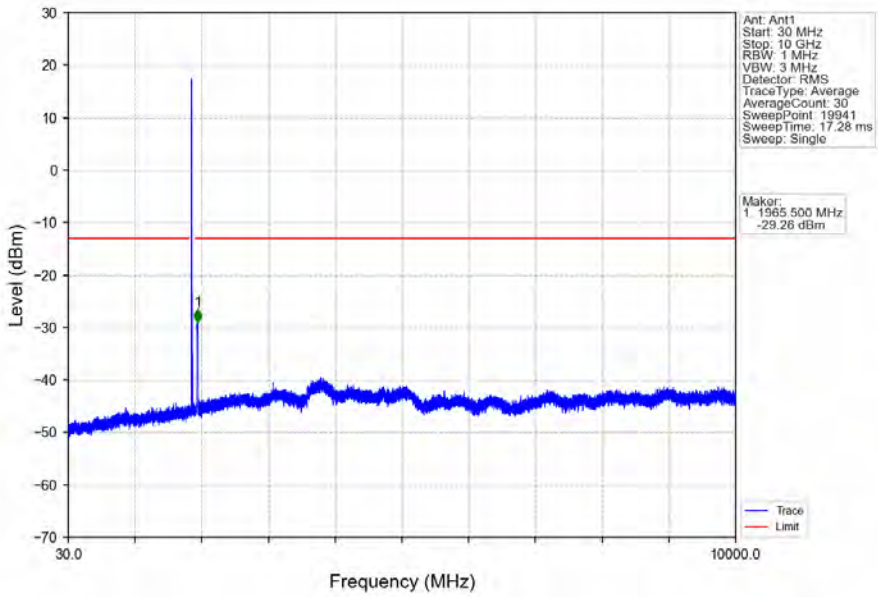
Band2_20MHz_256QAM_MCH_1880MHz_RB_1_0_NTNV



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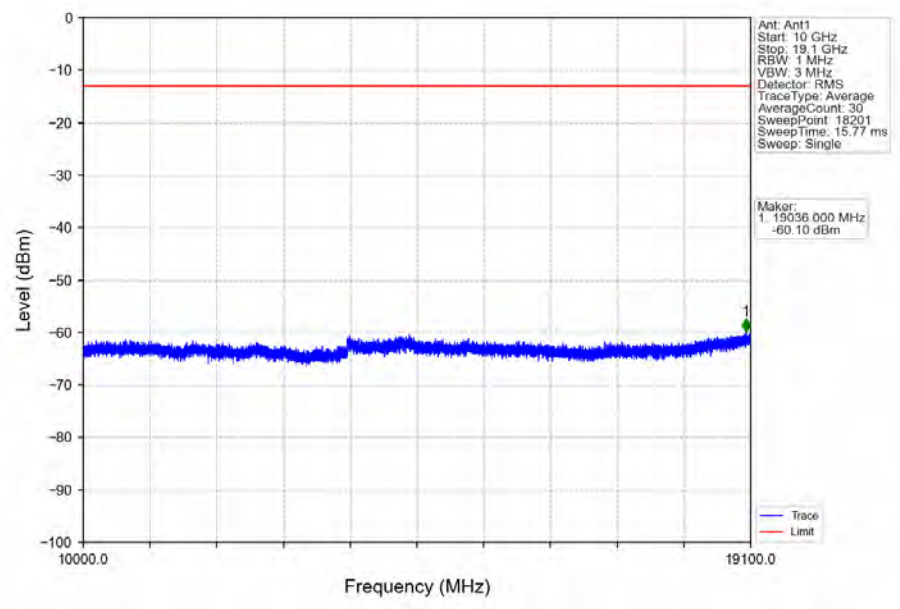

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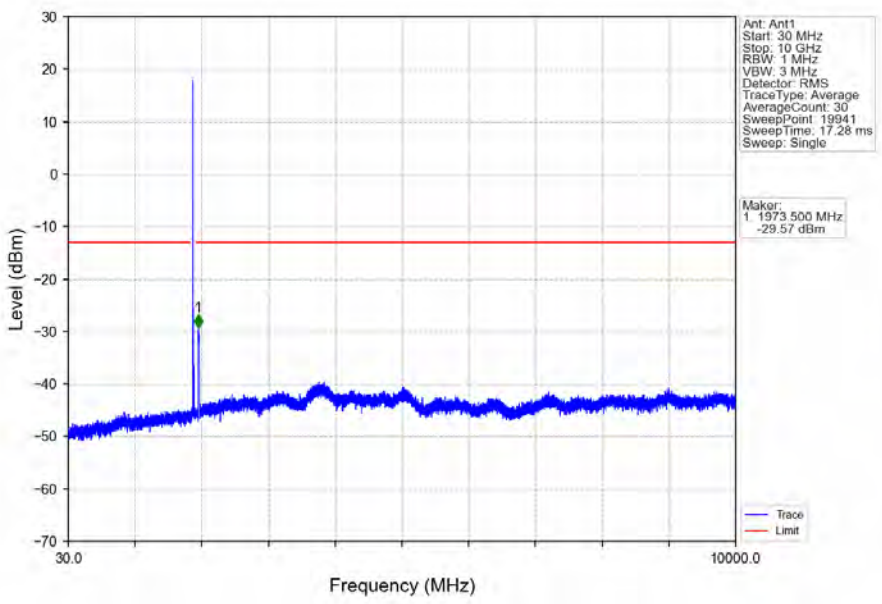
Band2_20MHz_256QAM_HCH_1900MHz_RB_1_0_NTNV



Band2_20MHz_256QAM_HCH_1900MHz_RB_1_0_NTNV

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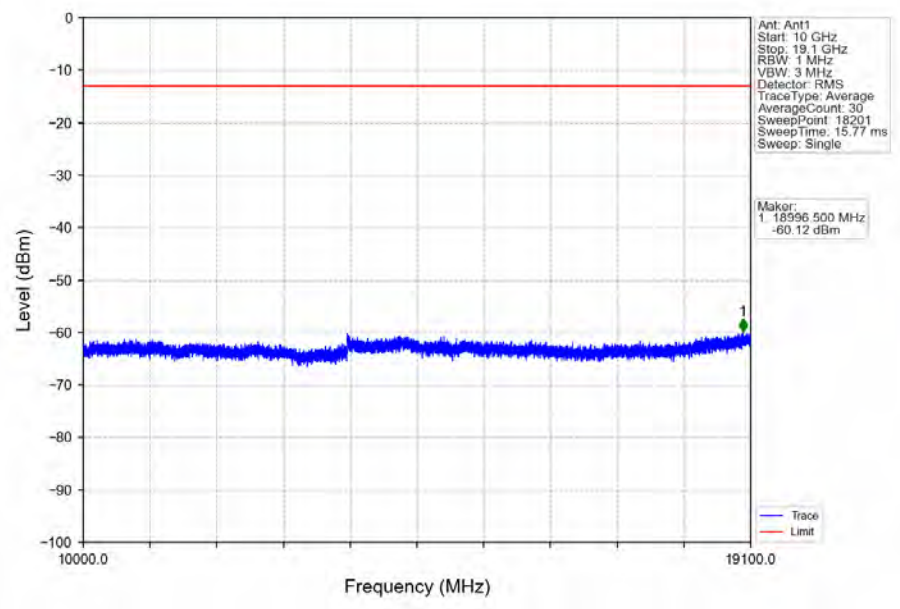

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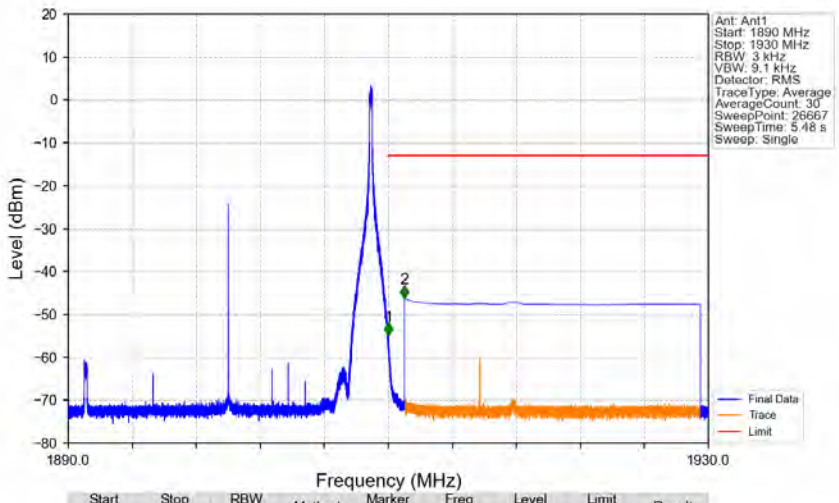
Shenzhen Branch

Band2_20MHz_256QAM_HCH_1900MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.003	-55.03	-13	Pass
1911	1930	1	CHP	2	1911.001	-46.25	-13	Pass

Band2_20MHz_256QAM_HCH_1900MHz_RB_100_0_NTNV

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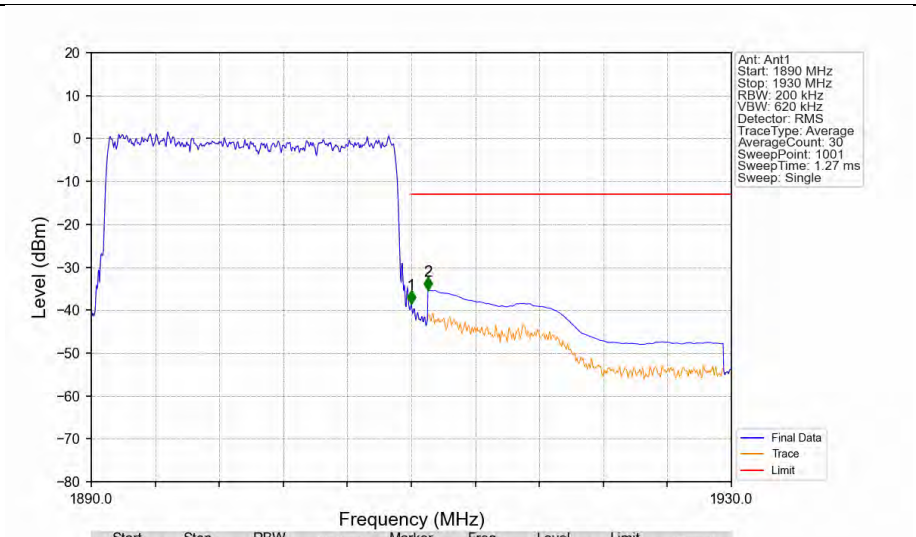

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.2	/	/	/	/	/	/
1910	1911	0.2	/	1	1910.000	-38.61	-13	Pass
1911	1930	1	CHP	2	1911.040	-35.39	-13	Pass

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6. Field Strength of Spurious Radiation

LTE Band 2-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3702	-53.84	-13	-40.84	-58.72	3.29	8.17	Horizontal	Pass
5553	-53.06	-13	-40.06	-59.27	4.24	10.45	Horizontal	Pass
7404	-49.55	-13	-36.55	-56.49	4.19	11.13	Horizontal	Pass
3702	-54.95	-13	-41.95	-59.83	3.29	8.17	Vertical	Pass
5553	-53.25	-13	-40.25	-59.46	4.24	10.45	Vertical	Pass
7404	-48.28	-13	-35.28	-55.22	4.19	11.13	Vertical	Pass

LTE Band 2-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3742	-56.71	-13	-43.71	-61.59	3.29	8.17	Horizontal	Pass
5613	-53.66	-13	-40.66	-59.87	4.24	10.45	Horizontal	Pass
7484	-49.82	-13	-36.82	-56.76	4.19	11.13	Horizontal	Pass
3742	-55.61	-13	-42.61	-60.49	3.29	8.17	Vertical	Pass
5613	-52.75	-13	-39.75	-58.96	4.24	10.45	Vertical	Pass
7484	-49.21	-13	-36.21	-56.15	4.19	11.13	Vertical	Pass

LTE Band 2-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3782	-55.84	-13	-42.84	-60.72	3.29	8.17	Horizontal	Pass
5673	-53.86	-13	-40.86	-60.07	4.24	10.45	Horizontal	Pass
7564	-49.27	-13	-36.27	-56.795	4.22	11.74	Horizontal	Pass
3782	-55.97	-13	-42.97	-60.85	3.29	8.17	Vertical	Pass
5673	-53.25	-13	-40.25	-59.46	4.24	10.45	Vertical	Pass
7564	-49.03	-13	-36.03	-56.555	4.22	11.74	Vertical	Pass

---End of Attachment---

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